2012/06/07
2012-4A

SANYO TROUBLESHOOTING GUIDE 2012 MODELS P46841-03 / P42841-05/ P42841-06

This guide is divided into 4 sections/pages depending on type of defect:

page 1)No Green LED Power Light.(LED never turns“ON”)

page 2)Green LED Light is “ON”, but Backlights are not “ON”,or only turn“ON & then OFF”.

page 3)Green LED Light is “ON”, and Backlights are “ON”,but there is no video/OSD.

page 4)Green LED Light turns “ON”, but turns “OFF”within 10 seconds.

Please select the section/page that matches your defect and follow the flow chart.

These models & chassis versions are in this guide:

P46841-03

P42841-05

P42841-06

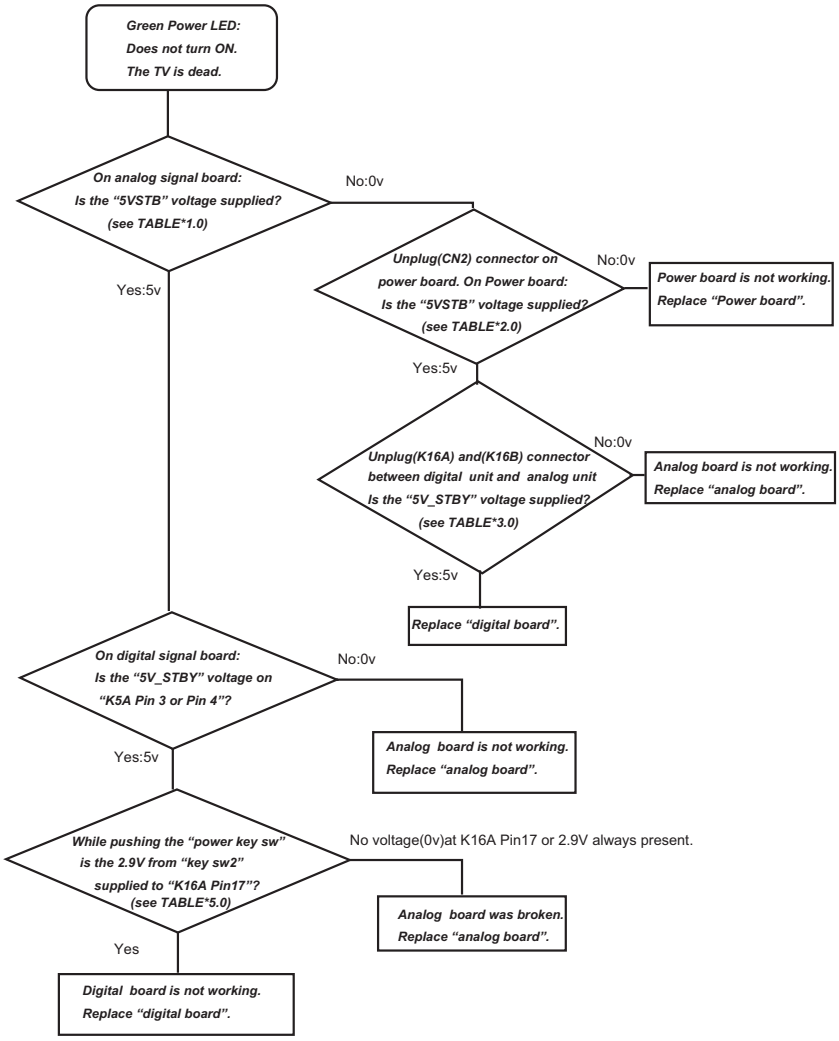
PLEASE KEEP THIS GUIDE.

IT WILL NOT BE PROVIDED FOR EVERY REPAIR.

techsupport@sanyotv.com

Repair Flow Chart:Trouble Condition

Green Power LED does not turn on. The TV is dead.



(TABLE *1.0)Analog board:5VSTB Test Points

42" /46"Models		5VSTB on Analog board	Confirmation Voltage
P46841-03	Z5WP	Analog K17 Pin3 or Pin4	5V
P42841-05	Z5VT		
P42841-06	Z5VV		

(TABLE *2.0) Power board:5VSTB Test Points

42" /46"Models		5VSTB on Power board	Confirmation Voltage
P46841-03	Z5WP	Power CN2 Pin3 or Pin4	5V
P42841-05	Z5VT		
P42841-06	Z5VV		

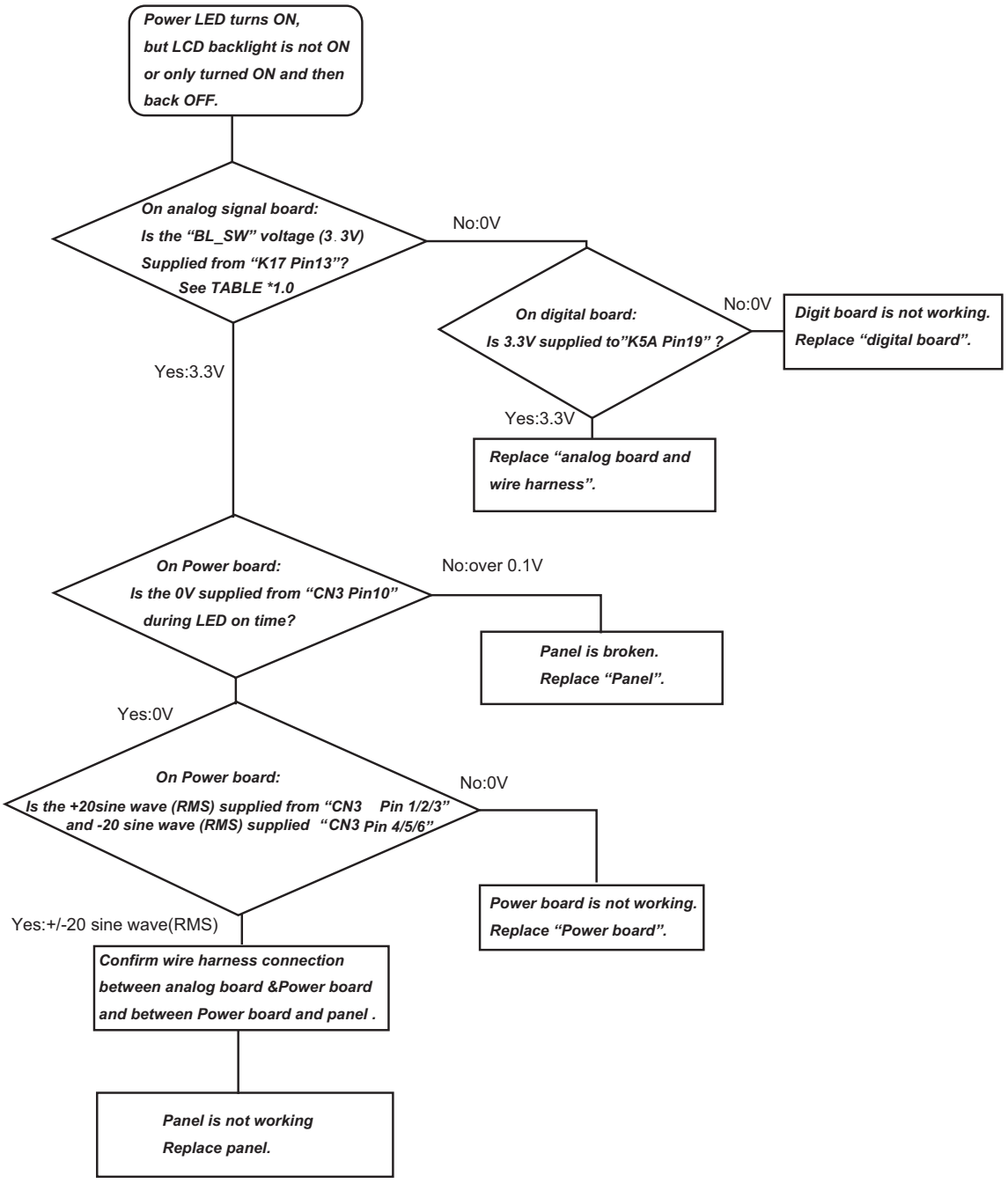
(TABLE *3.0)Digital board:5V_STBY Test Points

42" /46"Models		5V_STBY on Analog board	Confirmation Voltage
P46841-03	Z5WP	Analog K16A Pin3 or Pin4	5V
P42841-05	Z5VT		
P42841-06	Z5VV		

Repair Flow Chart:Trouble Condition

Green Power is on, but LCD backlights are not on.

Backlights do not turn on, or only turn on and back off.

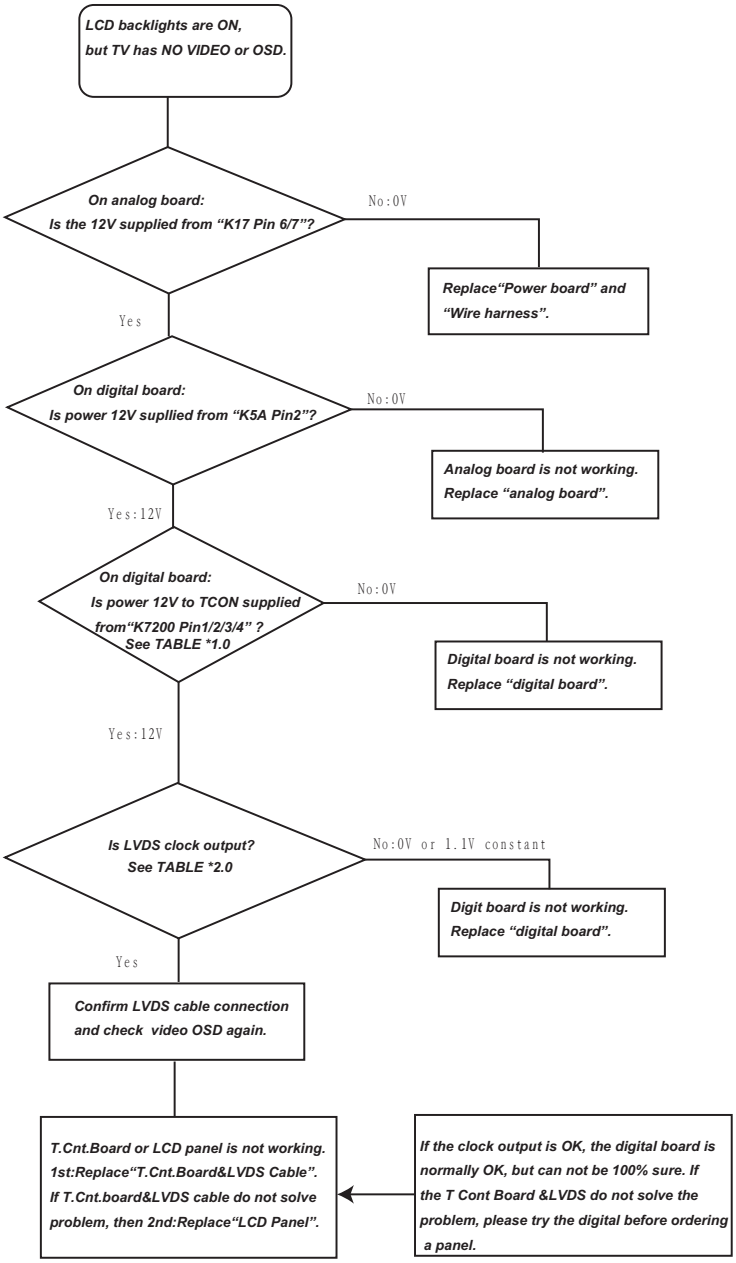


(TABLE *1.0)Analog board: 3.3V Test Points

42" /46"Models		3.3V on Analog board	Confirmation Voltage
P46841-03 P42841-05 P42841-06	Z5WP Z5VT Z5VV	Analog k17 Pin13	3.3V

Repair Flow Chart:Trouble Condition

Green Power LED and LCD backlights are ON,but no video or OSD.



(TABLE *1.0)Digital board: power 12V to Tcon

42" /46"Models		Digital board power to Tcon	Confirmation Voltage
P46841-03 P42841-05 P42841-06	Z5WP Z5VT Z5VV	Digital K7200 Pin1 or Pin2 or Pin3 or Pin4	12V

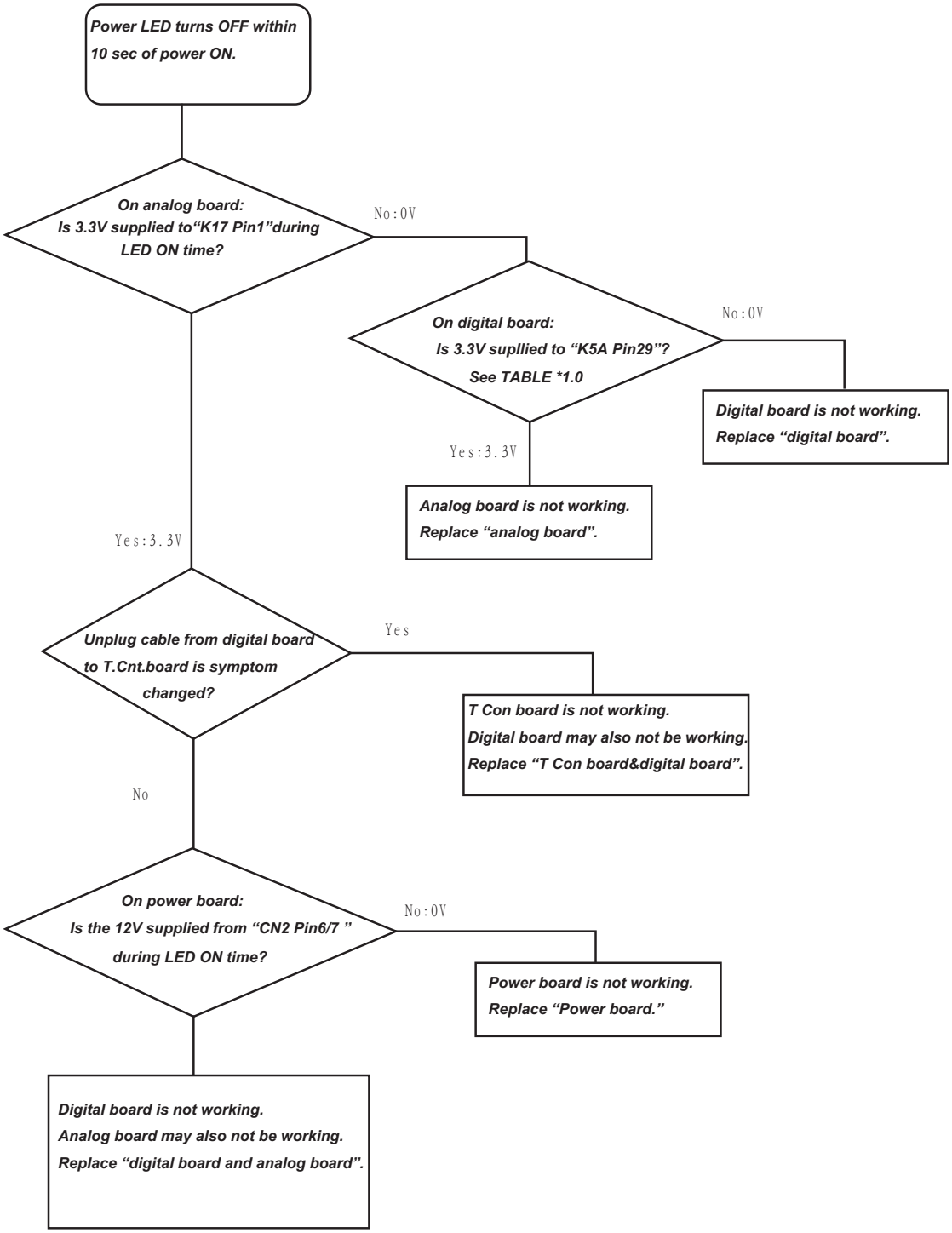
(TABLE*2.0)Main board:"LVDS Clock"Test Points

42" /46"Models		LVDS Clock on Digital board	
P46841-03 P42841-05 P42841-06	Z5WP Z5VT Z5VV	K7200 Pin32 clock+ K7200 Pin33 clock-	

Note:The bandwidth of the oscilloscope and probe must be at least 100MHZ or higher to check if the clock pulse exists.

Repair Flow Chart:Trouble Condition

Power LED turns OFF within 10 sec of power ON.



(TABLE *1.0) Digital board: 3.3V Test Points

42" /46"Models		3.3V on Digital board	Confirmation Voltage
P46841-03	Z5WP	Digital K5A Pin29	3.3V
P42841-05	Z5VT		
P42841-06	Z5VV		

SANYO

FILE No.

SERVICE MANUAL

Remote Control Digital Color Television

DP42841

(U.S.A.) (CANADA)

ORIGINAL VERSION

Chassis No. P42841-05

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

If the Original Version Service Manual Chassis No. does not match the unit's, additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

Servicing should be performed by only trained and qualified service personnel.

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Specifications

POWER RATING 120VAC
178 W (AVG.)
ANTENNA INPUT IMPEDANCE 75Ω
UHF/VHF/CATV
DIGITAL
RECEIVING CHANNEL . . . . . 2 - 13 (VHF),
14 - 69 (UHF),
01, 14-94, 95-135 (CATV)
1-135 (DIGITAL)
REMOTE READY . . . . . 36 KEY REMOTE CONTROL
SOUND OUTPUT . . . . . 10.0 W/CH
INTERMEDIATE FREQUENCY
PICTURE IF CARRIER 45.75MHz
SOUND IF CARRIER 41.25MHz
COLOR SUB CARRIER 42.17MHz
CABINET DIMENSIONS
WIDTH 1017mm
HEIGHT 671mm
DEPTH INCLUDING BASE 235mm

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DP42842, Z5VT, PRODUCT CODE 113026406

REFERENCE No. SM780205

SAFETY INSTRUCTIONS

SAFETY PRECAUTIONS

WARNING: The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

The following precautions must be observed:

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

   Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

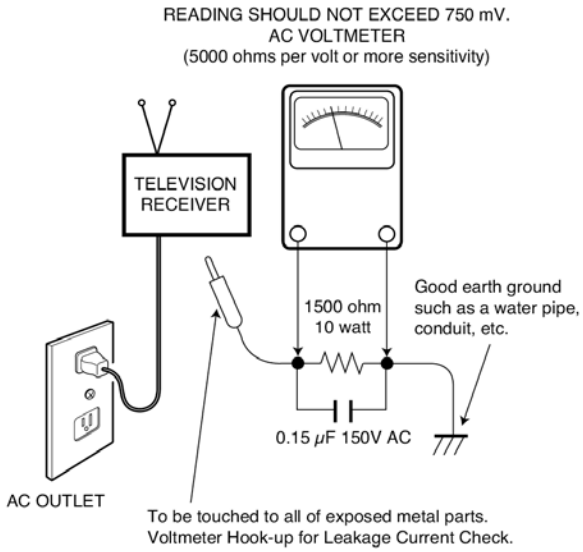
LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15 µF 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.

PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

   CAUTION: Be sure to remove the wrist strap before applying power to any unit being serviced.
2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

   CAUTION: Be sure that no power is applied to the chassis or circuit assembly.
7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpackaged) ES devices.

SERVICE ADJUSTMENTS

GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

ON-SCREEN SERVICE MENU SYSTEM

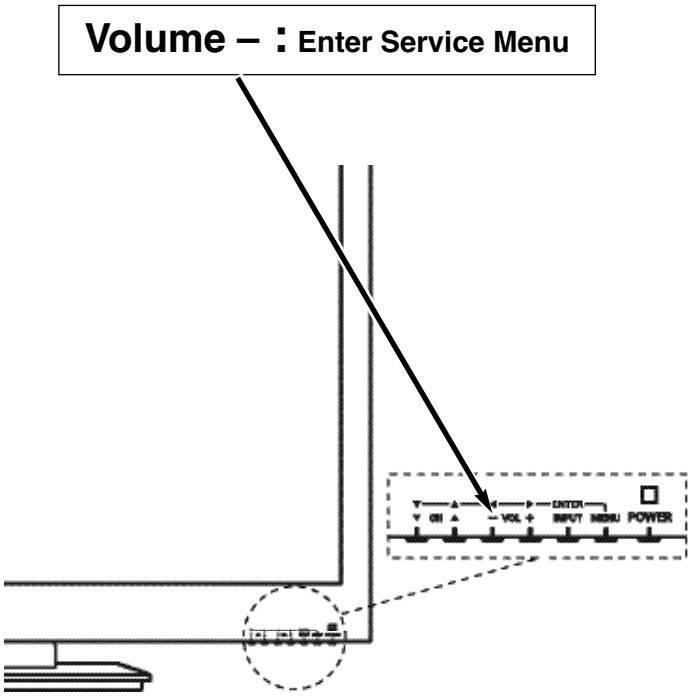
1. Enter the Service Menu:

- Turn off the receiver and disconnect the AC power supply.
- While pressing the Volume (–) button on the television, reconnect the AC power supply. The Service Menu will now appear. The remote can now be used to make adjustments. See Figure 1 below.

ITEM NO. TITLE HEX DATA

Index	ParameterName	Value	Def.	MIN	MAX
1	FACTORY_VOL	0x21	48	0	255

Figure 1. Service Menu Display

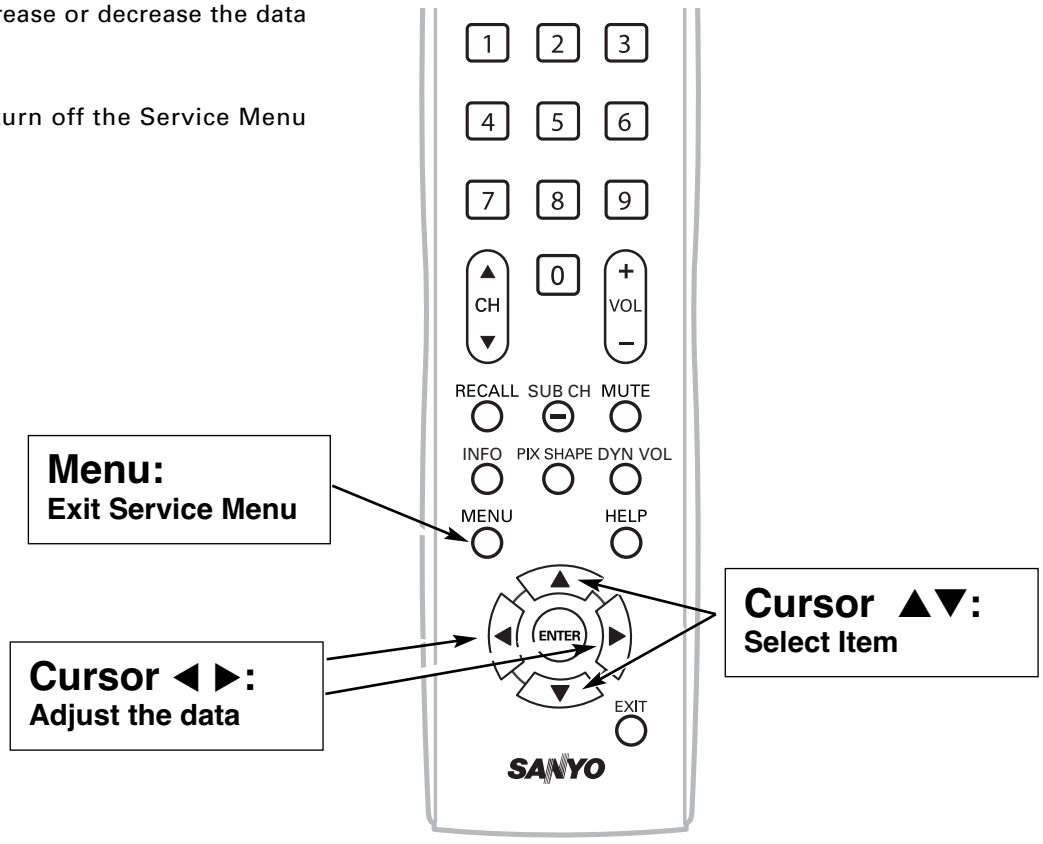


2. Service Adjustments:

- Press the Cursor ▲ and ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the Cursor ◄ or ► key to adjust the data. The ◄ or ► key will increase or decrease the data sequentially.

3. Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



ON-SCREEN SERVICE MENU

Table 1. ON-SCREEN SERVICE MENU

When IC5750 (Flash Memory) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

Index	ParameterName	Value	Min	Max
02	OP1	00h	0	255
03	**OP2**	**31h**	**0**	**255**

NOTES: Option 2 Data (Display Panel)
Option 1 and Option 2 data is initial and can be set according to adjusment information.

PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

Note 1. Option Data 1 (Index 02) should be hexadecimal 00.

See Index 02 above. If this program code is wrong the TV will not operate properly.

Note 2. Option Data 2 (Index 03) should be hexadecimal 31.

See Index 03 above. If this program code is wrong the TV will not operate properly.

POWER FAILURE CIRCUIT

Internal sub_CPU on main IC 5500 is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to"Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the sub_CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the sub_CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

Power Failure: Detected voltage failure for circuit. (Connected to IC5500 pin 234.)

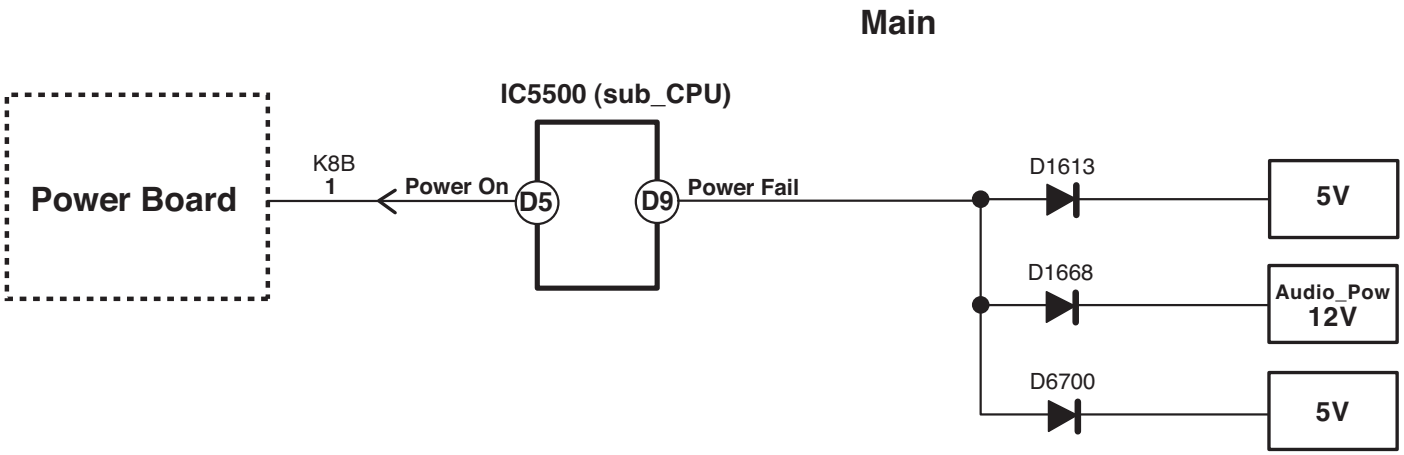
(Normal: High; Failure: Low)

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the sub_CPU will shut off the power within three seconds.

Check the following if the unit is turned off by the power failure detector.

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

Note: If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On.To reset the operating programs of the sub_CPU it is necessary to disconnect the AC cord for a short time.



MECHANICAL DISASSEMBLY

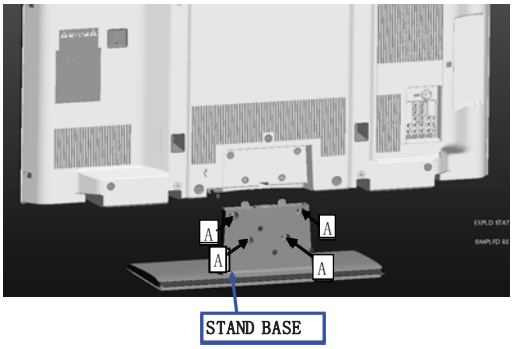
CAUTION:

This LCD TV uses several different kinds of screws. Using the correct screw is necessary to prevent damage. Lead wires must be redressed to their previous locations after servicing. The Earth sheet and gasket are provided to prevent interference to other radio and television receivers. The Earth sheet and gasket should be returned to its previous position after servicing.

STAND BASE REMOVAL

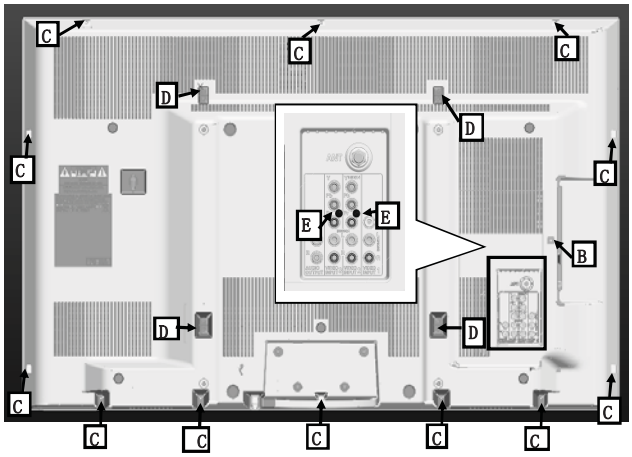
Position TV face down on a padded or cushioned surface to protect the screen and finish.

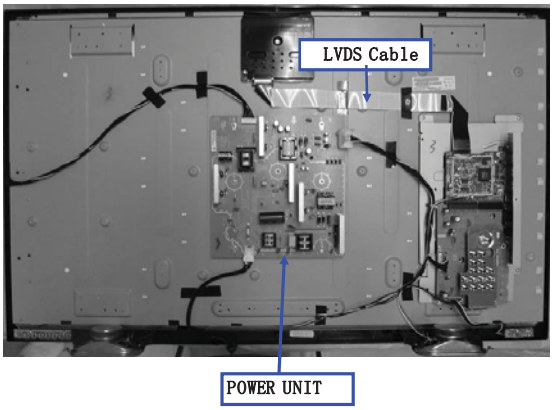
Remove 4 screws (A:M6X12) and remove the stand base from the TV.



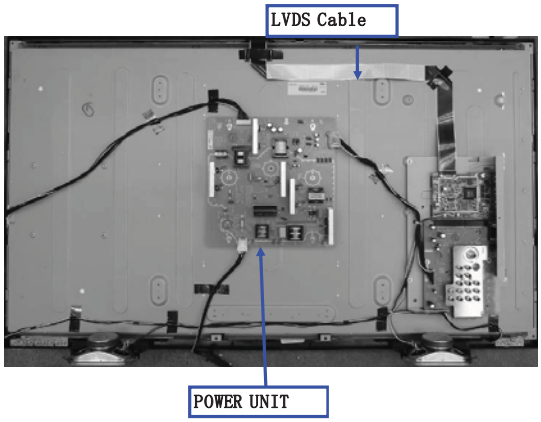
BACK CABINET REMOVAL

1. Remove 19 screws (B:3x6, 1 pc.; C:3x10, 12 pcs.; D:4x8, 4 pcs.; E:3x10, 2 pcs.)
2. Detach AC cord from cabinet back.
3. Take off the cabinet back.





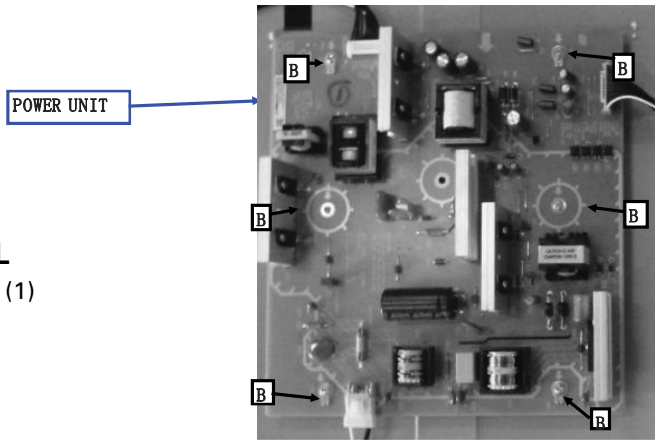
For Z5VV model.



For Z5VT model.

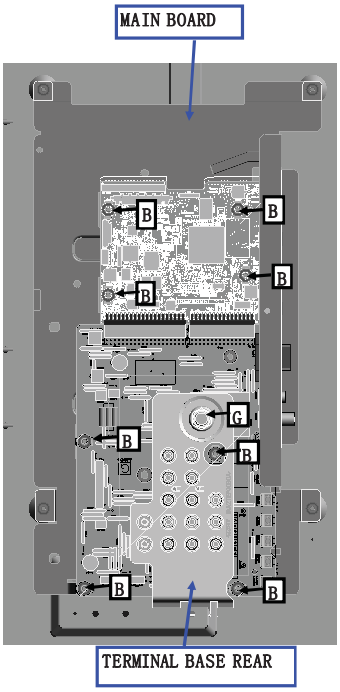
POWER UNIT REMOVAL

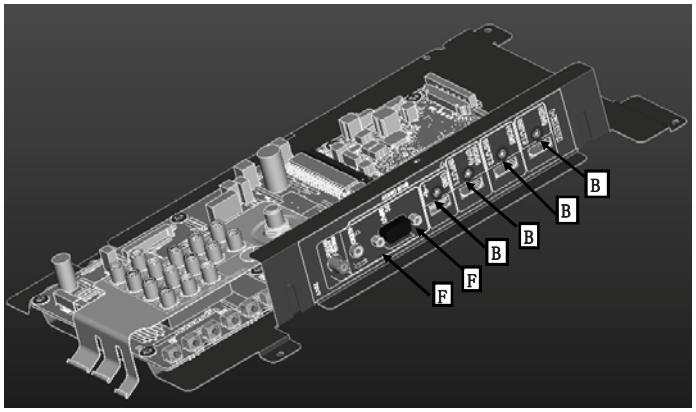
Remove 6 screws (B:3x6) to take the power unit off.



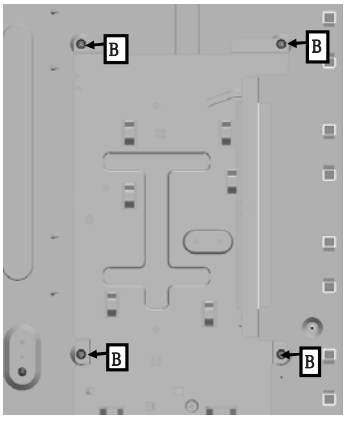
MAIN BOARD AND CHASSIS BASE REMOVAL

Remove 15 screws (B:3x16, 12 pcs.; F:2pcs.), and one (1) Nut (G) to take the main board off.



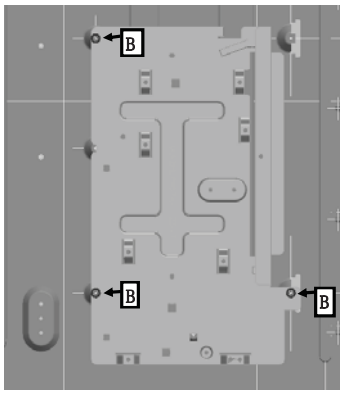


HOLDER CHASSIS BASE REMOVAL.



For Z5VV model

Remove 4 screws (B:3x6) to take the holder chassis base off.



For Z5VT model

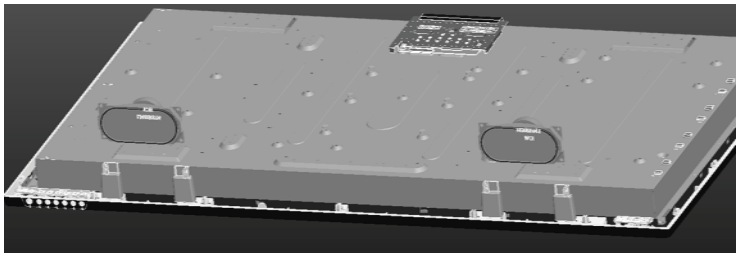
Remove 3 screws (B:3x6) to take the holder chassis base off.

MECHANICAL DISASSEMBLY (Continued)

SPEAKER REMOVAL

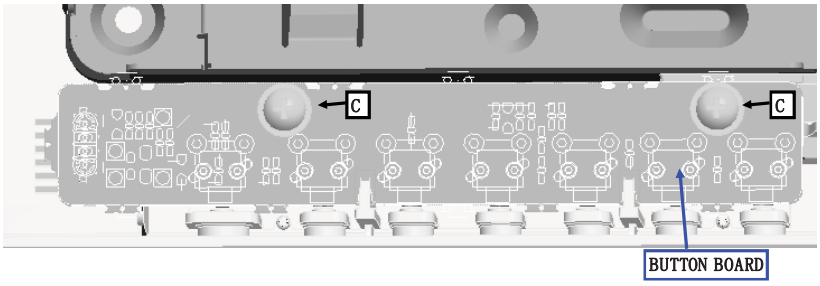
No screws.

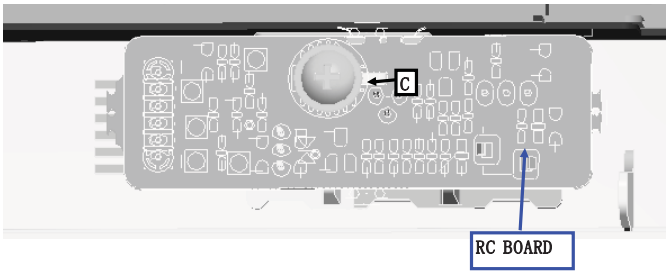
Take away each speaker from Front Cabinet directly.



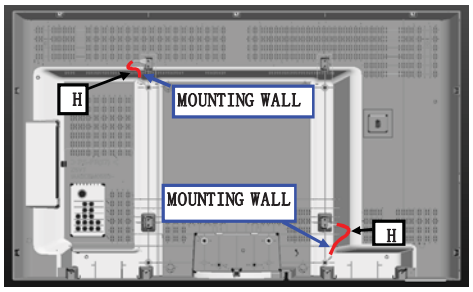
RC BOARD AND BUTTON BOARD REMOVAL

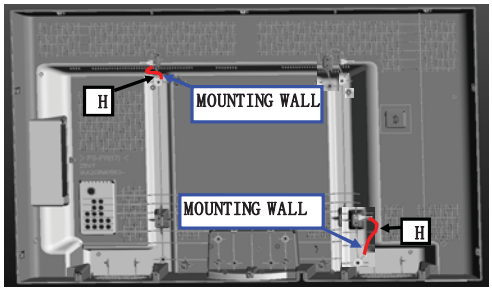
Remove 3 screws (C:3x10) to take the RC board and button board off.





MOUNTING WALL





ATTENTION

– Confirm Mounting wall wire is installed when you install the back cabinet.

ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

CHASSIS ELECTRICAL PARTS LIST

CAUTION: To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS and PRODUCT SAFETY NOTICE on Page 2

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A ⚠ IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A ⚠. NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A ⚠.

Note: Schematic part location numbers may not always match with the part descriptions.
The part descriptions are correct and should be used.

Schematic Location	Part No.	Description

CAPACITORS

NOTES:

Read **Description** of the Capacitor as follows:
(Example)

CERAMIC 100P K 50V

- 50V — Rated Voltage
- K — Tolerance Symbols:

Less than 10pF

A : Not specified	B : ±0.1pF	C : ±0.25pF
D : ±0.5pF	E : +0-1pF	F : ±1pF
G : ±2pF	H : +0.1-0pF	L : +0-0.1pF
R : ±0.25-0pF	S: ±0.25-0pF	

More than 10pF

A : Not specified	B : ±0.1%	C : ±0.25%
D : ±0.5%	F : ±1%	G : ±2%
H : ±3%	J : ±5%	K : ±10%
L : ±15%	M : ±20%	N : ±30%
P : +100-0%	Q : +30-10%	T : +50-10%
U : +75-10%	V : +20-10%	W : +100-10%
X : +40-20%	Y : +150-10%	Z : +80-20%

- 100P — Rated value: P=pico tarad, U=micro tarad
- CERAMIC — Material:

CERAMIC	Ceramic
MT-PAPER	Metallized Paper
POLYESTER	Polyester
MT-POLYEST	Metallized Polyester
POLYPRO	Polypropylene
MT-POLYPRO	Metallized Polypropylene
COMPO FILM	Composite Film
MT-COMPO	Metallized Composite
STYRENE	Styrene
TA-SOLID	Tantalum Solid
AL-SOLID	Aluminum Solid
ELECT	Electrolytic
NP-ELECT	Non-polarised Electrolytic
OS-SOLID	Alluminum Solid with Organic Semiconductive Electrolytic

Schematic Location	Part No.	Description

RESISTORS

NOTES:

Read **Description** of the Resistor as follows:
(Example)

CARBON 4.7K J A 1/4W

- 1/4W — Rated Wattage
- A — Performance Symbols:
  A...General B..Non-flammable
  Z...Low noise
  Other...Temperature coefficient
- J — Tolerance Symbols:

A...0.05%	B...0.1%	C...25%
D...0.5%	F...1%	G...2%
J...5%	K...10%	M...20%
P...+5-15%		

- 4.7K — Rated value, ohms:
  K...1,000 M...1,000,000
- CARBON — Material:

CARBON	Carbon
MT-FILM	Metal Film
OXIDE-MT	Oxide Metal Film
SOLID	Composition
MT-GLAZE	Metal Glaze
WIRE WOUND	Wire wound
CERAMIC RES	Ceramic
FUSIBLE RES	Fusible

Schematic Location	Part No.	Description		
	ASSY,PWB ,MAIN DIGITAL-Z5VT			
	CAPACITORS			
C001	F1H1H102A219	CERAMIC	1000P K	50V
C002	F1H1H102A219	CERAMIC	1000P K	50V
C003	F1J1E105A213	CERAMIC	1U K	25V
C004	F1J1E105A213	CERAMIC	1U K	25V
C005	F1H1H102A219	CERAMIC	1000P K	50V
C006	F1H1H102A219	CERAMIC	1000P K	50V
C007	F1H1H102A219	CERAMIC	1000P K	50V
C008	F1H1H102A219	CERAMIC	1000P K	50V
C009	F1H1H104A913	CERAMIC	0.1U K	50V
C010	F1H1H104A913	CERAMIC	0.1U K	50V
C011	F1H1H104A913	CERAMIC	0.1U K	50V
C012	F1H1H104A913	CERAMIC	0.1U K	50V
C013	F1H1H104A913	CERAMIC	0.1U K	50V
C014	F1H1H104A913	CERAMIC	0.1U K	50V
C015	F1H1H104A913	CERAMIC	0.1U K	50V
C016	F1H1H104A913	CERAMIC	0.1U K	50V
C018	F1H1H331A792	CERAMIC	330P J	50V
C019	F1H1H331A792	CERAMIC	330P J	50V
C020	F1J1E105A213	CERAMIC	1U K	25V
C021	F1H1H104A913	CERAMIC	0.1U K	50V
C022	F1H1H104A913	CERAMIC	0.1U K	50V
C023	F1J1E105A213	CERAMIC	1U K	25V
C024	F1G1C104A077	CERAMIC	0.1U K	16V
C025	F1G1C104A077	CERAMIC	0.1U K	16V
C026	F1G1C104A077	CERAMIC	0.1U K	16V
C027	F1G1C104A077	CERAMIC	0.1U K	16V
C028	F1G1H150A541	CERAMIC	15P J	50V
C029	F1G1H150A541	CERAMIC	15P J	50V
C031	F1G1H681A571	CERAMIC	680P K	50V
C032	F1G1H101A541	CERAMIC	100P J	50V
C033	F1G1H472A571	CERAMIC	4700P K	50V
C034	F1G1C104A077	CERAMIC	0.1U K	16V
C035	F1G1C104A077	CERAMIC	0.1U K	16V
C036	F1J1E105A213	CERAMIC	1U K	25V
C037	F1J1E105A213	CERAMIC	1U K	25V
C038	F1G1C104A077	CERAMIC	0.1U K	16V
C040	F1G1C104A077	CERAMIC	0.1U K	16V
C041	F1G1C104A077	CERAMIC	0.1U K	16V
C042	F1G1C104A077	CERAMIC	0.1U K	16V
C5505	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5506	F1G1H103A706	CERAMIC	0.01U K	50V
C5507	F1H0J4750004	CERAMIC	4.7U K	6.3V
C5508	F1G1C104A077	CERAMIC	0.1U K	16V
C5509	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5510	F1G1C104A077	CERAMIC	0.1U K	16V
C5511	F1G1H1020008	CERAMIC	1000P K	50V
C5512	F1G1C104A077	CERAMIC	0.1U K	16V
C5513	F1G1C104A077	CERAMIC	0.1U K	16V
C5514	F1G1H1020008	CERAMIC	1000P K	50V
C5515	F1G1H1020008	CERAMIC	1000P K	50V
C5516	F1G1H103A706	CERAMIC	0.01U K	50V

Schematic Location	Part No.	Description		
C5517	F1G1H221A737	CERAMIC	220P J	50V
C5518	F1G1C104A077	CERAMIC	0.1U K	16V
C5519	F1G1H103A706	CERAMIC	0.01U K	50V
C5520	F1G1C104A077	CERAMIC	0.1U K	16V
C5522	F1G1H390A541	CERAMIC	39P J	50V
C5523	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5525	F1G1H221A737	CERAMIC	220P J	50V
C5527	F1G1H103A706	CERAMIC	0.01U K	50V
C5528	F1G1C104A077	CERAMIC	0.1U K	16V
C5531	F1G1C104A077	CERAMIC	0.1U K	16V
C5532	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5533	F1G1C104A077	CERAMIC	0.1U K	16V
C5534	F1G1H103A706	CERAMIC	0.01U K	50V
C5535	F1G1H1020008	CERAMIC	1000P K	50V
C5536	F1G1H221A737	CERAMIC	220P J	50V
C5537	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5538	F1G1H1020008	CERAMIC	1000P K	50V
C5539	F1G1H103A706	CERAMIC	0.01U K	50V
C5540	F1G1H1020008	CERAMIC	1000P K	50V
C5541	F1G1H103A706	CERAMIC	0.01U K	50V
C5542	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5543	F1G1H103A706	CERAMIC	0.01U K	50V
C5544	F1G1A105A047	CERAMIC	1U K	10V
C5546	F1G1C104A077	CERAMIC	0.1U K	16V
C5547	F1G1H392A571	CERAMIC	3900P K	50V
C5549	F1G1C104A077	CERAMIC	0.1U K	16V
C5550	F1G1H103A706	CERAMIC	0.01U K	50V
C5551	F1G1H1020008	CERAMIC	1000P K	50V
C5552	F1G1C104A077	CERAMIC	0.1U K	16V
C5553	F1G1H103A706	CERAMIC	0.01U K	50V
C5554	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5555	F1G1C104A077	CERAMIC	0.1U K	16V
C5556	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5557	F1G1A105A047	CERAMIC	1U K	10V
C5558	F1G1H1020008	CERAMIC	1000P K	50V
C5559	F1G1H1020008	CERAMIC	1000P K	50V
C5560	F1G1A105A047	CERAMIC	1U K	10V
C5561	F1G1H1020008	CERAMIC	1000P K	50V
C5562	F1G1C104A077	CERAMIC	0.1U K	16V
C5563	F1G1C104A077	CERAMIC	0.1U K	16V
C5565	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5566	F1G1A105A047	CERAMIC	1U K	10V
C5567	F1H0J4750004	CERAMIC	4.7U K	6.3V
C5568	F1G1H1020008	CERAMIC	1000P K	50V
C5569	F1G1C104A077	CERAMIC	0.1U K	16V
C5570	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5571	F1G1C104A077	CERAMIC	0.1U K	16V
C5572	F1G1A105A047	CERAMIC	1U K	10V

Schematic Location	Part No.	Description		
C5574	F1G1A105A047	CERAMIC	1U K	10V
C5575	F1G1A105A047	CERAMIC	1U K	10V
C5576	F1G1A105A047	CERAMIC	1U K	10V
C5577	F1G1A105A047	CERAMIC	1U K	10V
C5578	F1G1A105A047	CERAMIC	1U K	10V
C5579	F1G1A105A047	CERAMIC	1U K	10V
C5580	F1G1A105A047	CERAMIC	1U K	10V
C5581	F1G1E473A091	CERAMIC	0.047U K	25V
C5583	F1G1E473A091	CERAMIC	0.047U K	25V
C5585	F1G1H103A706	CERAMIC	0.01U K	50V
C5586	F1G1E473A091	CERAMIC	0.047U K	25V
C5588	F1G1E473A091	CERAMIC	0.047U K	25V
C5590	F1G1E473A091	CERAMIC	0.047U K	25V
C5592	F1G1C104A077	CERAMIC	0.1U K	16V
C5593	F1G1E473A091	CERAMIC	0.047U K	25V
C5595	F1G1E473A091	CERAMIC	0.047U K	25V
C5597	F1G1H103A706	CERAMIC	0.01U K	50V
C5598	F1G1E473A091	CERAMIC	0.047U K	25V
C5600	F1G1E473A091	CERAMIC	0.047U K	25V
C5602	F1G1E473A091	CERAMIC	0.047U K	25V
C5605	F1G1H220A541	CERAMIC	22P J	50V
C5606	F1G1H390A541	CERAMIC	39P J	50V
C5608	F1G1H220A541	CERAMIC	22P J	50V
C5613	F1H1H1500009	CERAMIC	15P J	50V
C5614	F1H1H1500009	CERAMIC	15P J	50V
C5615	F1G1C104A077	CERAMIC	0.1U K	16V
C5616	F1G1C104A077	CERAMIC	0.1U K	16V
C5618	F1G1C104A077	CERAMIC	0.1U K	16V
C5619	F1G1H150A541	CERAMIC	15P J	50V
C5620	F1G1H150A541	CERAMIC	15P J	50V
C5650	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5653	F1G1C104A077	CERAMIC	0.1U K	16V
C5661	F1G1C104A077	CERAMIC	0.1U K	16V
C5700	F1G1A105A047	CERAMIC	1U K	10V
C5701	F1G1C104A077	CERAMIC	0.1U K	16V
C5702	F1G1A105A047	CERAMIC	1U K	10V
C5703	F1G1C104A077	CERAMIC	0.1U K	16V
C5704	F1G1C104A077	CERAMIC	0.1U K	16V
C5705	F1G1C104A077	CERAMIC	0.1U K	16V
C5707	F1G1C104A077	CERAMIC	0.1U K	16V
C5708	F1G1C104A077	CERAMIC	0.1U K	16V
C5709	F1G1C104A077	CERAMIC	0.1U K	16V
C5711	F1G1C104A077	CERAMIC	0.1U K	16V
C5712	F1G1C104A077	CERAMIC	0.1U K	16V
C5713	F1G1C104A077	CERAMIC	0.1U K	16V
C5714	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5715	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C5750	F1G1A105A047	CERAMIC	1U K	10V
C5902	F1G1C104A077	CERAMIC	0.1U K	16V
C5903	F1G1A684A047	CERAMIC	0.68U K	10V
C5905	F1G1C104A077	CERAMIC	0.1U K	16V
C6250	F1G1A105A047	CERAMIC	1U K	10V
C6251	F1G1H1020008	CERAMIC	1000P K	50V

Schematic Location	Part No.	Description		
C6252	F1H0J4750004	CERAMIC	4.7U K	6.3V
C6253	F2G1C101A066	ELECT	100U M	16V
C6254	F1G1C104A077	CERAMIC	0.1U K	16V
C6255	F1G1H560A541	CERAMIC	56P J	50V
C6256	F1H0J4750004	CERAMIC	4.7U K	6.3V
C6257	F1H0J4750004	CERAMIC	4.7U K	6.3V
C6258	F1G1H560A541	CERAMIC	56P J	50V
C6259	F1H0J4750004	CERAMIC	4.7U K	6.3V
C6260	F1G1H1020008	CERAMIC	1000P K	50V
C6261	F1G1A105A047	CERAMIC	1U K	10V
C6330	F1G1C104A077	CERAMIC	0.1U K	16V
C6332	F2G1C221A066	ELECT	220U M	16V
C6500	F1G1C104A077	CERAMIC	0.1U K	16V
C6501	F1G1C104A077	CERAMIC	0.1U K	16V
C6530	F1G1C104A077	CERAMIC	0.1U K	16V
C6531	F1G1C104A077	CERAMIC	0.1U K	16V
C6560	F1G1C104A077	CERAMIC	0.1U K	16V
C6561	F1G1C104A077	CERAMIC	0.1U K	16V
C6600	F1G1A105A047	CERAMIC	1U K	10V
C6601	F1G1A105A047	CERAMIC	1U K	10V
C6701	F1G1C104A077	CERAMIC	0.1U K	16V
C6702	F1G1C104A077	CERAMIC	0.1U K	16V
C6703	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C6706	F1G1C104A077	CERAMIC	0.1U K	16V
C6707	F2G1C471A066	ELECT	470U M	16V
C6708	F1G1A2240008	CERAMIC	0.22U K	10V
C6720	F1H0J4750004	CERAMIC	4.7U K	6.3V
C6721	F1G1C104A077	CERAMIC	0.1U K	16V
C6722	F1G1C104A077	CERAMIC	0.1U K	16V
C6723	F1G1A105A047	CERAMIC	1U K	10V
C6724	F1G1H392A571	CERAMIC	3900P K	50V
C6727	F2G1C471A066	ELECT	470U M	16V
C6728	F1G1H103A706	CERAMIC	0.01U K	50V
C6729	F1G1C104A077	CERAMIC	0.1U K	16V
C6730	F1G1H221A737	CERAMIC	220P J	50V
C6733	F1G1A105A047	CERAMIC	1U K	10V
C6740	F1G1A2240008	CERAMIC	0.22U K	10V
C6741	F1G1C104A077	CERAMIC	0.1U K	16V
C6742	F1G1C104A077	CERAMIC	0.1U K	16V
C6743	F2G1C221A066	ELECT	220U M	16V
C6752	F1G1E473A091	CERAMIC	0.047U K	25V
C6753	F1G1A105A047	CERAMIC	1U K	10V
C6754	F1G1A105A047	CERAMIC	1U K	10V

DIODES

D002	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D003	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D007	B0BC6R100010	ZD UDZS-TE-176.2B
	B0BC6R2A0384	ZENER DIODE MM3Z6V2B

Schematic Location	Part No.	Description
	DZDZ2J062M0LG	ZD DIODE DZ2J062M0L
D008	B0BC6R100010	ZD UDZS-TE-176.2B
	B0BC6R2A0384	ZENER DIODE MM3Z6V2B
	DZDZ2J062M0LG	ZD DIODE DZ2J062M0L
D6700	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L

INTEGRATED CIRCUITS

IC001	C1AB00003628	IC STA333W13TR
IC5500	C1AB00003956	IC ZR39748HGCG
IC5700	C3ABSY000102	IC H5PS5162GFR-S6C
IC5750	QXXAAJQ1300—	IC S25FL064P0XMFI0 N8LJ
IC5900	C0EBY0001079	IC XC6118N28AMR-G
IC6250	C0ABBB000350	IC BA4558RF-E2
	C0ABBB000450	IC NJM4558M-TE2
IC6500	C0JBAA000345	"IC TC7SET08FU(T5L,JF)"
	C0JBAA000502	"IC TC7SET08FU(5L,JF,T"
	C0JBAA000505	IC 74AHCT1G08GW
IC6530	C0JBAA000345	"IC TC7SET08FU(T5L,JF)"
	C0JBAA000502	"IC TC7SET08FU(5L,JF,T"
	C0JBAA000505	IC 74AHCT1G08GW
IC6560	C0JBAA000345	"IC TC7SET08FU(T5L,JF)"
	C0JBAA000502	"IC TC7SET08FU(5L,JF,T"
	C0JBAA000505	IC 74AHCT1G08GW
IC6600	C0DBZYY00485	IC NCP380HSN05AAT1G
IC6700	C0CBAYG00009	IC LM1117S-ADJ
IC6720	C0DBAYY01122	IC BD9328EFJ-E2
IC6750	C0DBGYY02242	IC AP2128K-ADJTRG1

COILS

L001	G1C220MA0445	"INDUCTOR ,22UH"
L002	G1C220MA0445	"INDUCTOR ,22UH"
L003	G1C220MA0445	"INDUCTOR ,22UH"
L009	J0JCC0000371	"INDUCTOR , 120 OHM"
L011	J0JYC0000381	"INDUCTOR , 220 OHM"
L012	J0JYC0000381	"INDUCTOR , 220 OHM"
L013	G1C220MA0445	"INDUCTOR ,22UH"
L017	J0JCC0000371	"INDUCTOR , 120 OHM"
L5500	J0JCC0000371	"INDUCTOR , 120 OHM"
L5501	J0JCC0000371	"INDUCTOR , 120 OHM"
L5502	J0JCC0000371	"INDUCTOR , 120 OHM"
L5503	J0JYC0000381	"INDUCTOR , 220 OHM"
L5504	J0JYC0000381	"INDUCTOR , 220 OHM"
L5505	J0JCC0000371	"INDUCTOR , 120 OHM"
L5506	J0JCC0000371	"INDUCTOR , 120 OHM"
L5507	J0JCC0000371	"INDUCTOR , 120 OHM"
L5508	J0JCC0000371	"INDUCTOR , 120 OHM"
L5509	J0JCC0000371	"INDUCTOR , 120 OHM"
L5510	J0JCC0000371	"INDUCTOR , 120 OHM"
L5511	J0JCC0000371	"INDUCTOR , 120 OHM"
L5512	D0GB750JA041	MT-GLAZE 75 JA 1/10W
	D0GB750JA072	MT-GLAZE 75 JA 1/10W
	D0GB750JA089	MT-GLAZE 75 JA 1/10W
L5513	J0JCC0000371	"INDUCTOR , 120 OHM"
L5514	J0JCC0000371	"INDUCTOR , 120 OHM"
L5515	J0JCC0000371	"INDUCTOR , 120 OHM"
L5516	G1CR22JA0135	"INDUCTOR, 0.22UH"
L6313	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6314	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6315	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6316	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6317	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6318	J0JAD0000028	"IMPEDANCE,200 OHM M"
L6720	G1C220MA0445	"INDUCTOR ,22UH"
L6721	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0GDR00Z0002	MT-GLAZE 0.000 ZA 1/10W
L6722	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0GDR00Z0002	MT-GLAZE 0.000 ZA 1/10W

TRANSISTORS

Q6250	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6251	B1ADCF000004	TR 2SA1037AK-S-T146
	B1ADCF000194	TR ISA1235AC1F
	B1ADCF000195	TR 2SA1037AK-T146-R
	B1ADCF000201	TR ISA1235AC1E
	B1ADDF000004	TR 2SA1235A1F
Q6252	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6329	B1CHPD000006	TR CPH3338-T-TL-E
	B1DHDD000041	TR AO3407A
Q6331	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6700	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6701	B1CHPD000006	TR CPH3338-T-TL-E
	B1DHDD000041	TR AO3407A
Q6720	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6721	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6730	B1CFRC000023	TR MCH6437-P-TL-E
Q6740	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6741	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q6742	B1CFRC000023	TR MCH6437-P-TL-E

RESISTORS

R001	D0GB5R6JA040	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA072	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA090	MT-GLAZE 5.6 JA 1/10W
R002	D0GB5R6JA040	MT-GLAZE 5.6 JA 1/10W

Schematic Location	Part No.	Description
	D0GB5R6JA072	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA090	MT-GLAZE 5.6 JA 1/10W
R003	D0GB5R6JA040	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA072	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA090	MT-GLAZE 5.6 JA 1/10W
R004	D0GB5R6JA040	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA072	MT-GLAZE 5.6 JA 1/10W
	D0GB5R6JA090	MT-GLAZE 5.6 JA 1/10W
R005	D0GB470J0002	MT-GLAZE 47 JA 1/10W
	D0GB470JA041	MT-GLAZE 47 JA 1/10W
	D0GB470JA089	MT-GLAZE 47 JA 1/10W
R006	D0GB470J0002	MT-GLAZE 47 JA 1/10W
	D0GB470JA041	MT-GLAZE 47 JA 1/10W
	D0GB470JA089	MT-GLAZE 47 JA 1/10W
R007	J0JCC0000371	"INDUCTOR, 120 OHM"
R008	J0JCC0000371	"INDUCTOR, 120 OHM"
R009	D0GB103JA041	MT-GLAZE 10K JA 1/10W
	D0GB103JA072	MT-GLAZE 10K JA 1/10W
	D0GB103JA089	MT-GLAZE 10K JA 1/10W
R010	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R012	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R013	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R015	D0GB222JA041	MT-GLAZE 2.2K JA 1/10W
	D0GB222JA072	MT-GLAZE 2.2K JA 1/10W
	D0GB222JA089	MT-GLAZE 2.2K JA 1/10W
R019	D0GB222JA041	MT-GLAZE 2.2K JA 1/10W
	D0GB222JA072	MT-GLAZE 2.2K JA 1/10W
	D0GB222JA089	MT-GLAZE 2.2K JA 1/10W
R022	D0GB470J0002	MT-GLAZE 47 JA 1/10W
	D0GB470JA041	MT-GLAZE 47 JA 1/10W
	D0GB470JA089	MT-GLAZE 47 JA 1/10W
R023	D0GB470J0002	MT-GLAZE 47 JA 1/10W
	D0GB470JA041	MT-GLAZE 47 JA 1/10W
	D0GB470JA089	MT-GLAZE 47 JA 1/10W
R5500	D0GB103JA041	MT-GLAZE 10K JA 1/10W
	D0GB103JA072	MT-GLAZE 10K JA 1/10W
	D0GB103JA089	MT-GLAZE 10K JA 1/10W
R5501	D0GB103JA041	MT-GLAZE 10K JA 1/10W
	D0GB103JA072	MT-GLAZE 10K JA 1/10W
	D0GB103JA089	MT-GLAZE 10K JA 1/10W
R5502	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5503	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5504	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5505	D0GB123ZA038	MT-GLAZE 12K FA 1/10W
	D0GB123ZA068	MT-GLAZE 12K FA 1/10W
	D1BB1202A055	MT-GLAZE 12K FA 1/10W
R5506	D0GB821ZA037	MT-GLAZE 820 FA 1/10W
	D0GB821ZA068	MT-GLAZE 820 FA 1/10W
	D1BB8200A055	MT-GLAZE 820 FA 1/10W
R5507	D0GB102JA041	MT-GLAZE 1K JA 1/10W
	D0GB102JA071	MT-GLAZE 1K JA 1/10W
	D0GB102JA089	MT-GLAZE 1K JA 1/10W
R5508	D0GB123ZA038	MT-GLAZE 12K FA 1/10W
	D0GB123ZA068	MT-GLAZE 12K FA 1/10W
	D1BB1202A055	MT-GLAZE 12K FA 1/10W
R5509	D0GB472ZA038	MT-GLAZE 4.7K FA 1/10W
	D0GB472ZA068	MT-GLAZE 4.7K FA 1/10W
	D1BB4701A055	MT-GLAZE 4.7K FA 1/10W
R5510	D0GB472ZA038	MT-GLAZE 4.7K FA 1/10W
	D0GB472ZA068	MT-GLAZE 4.7K FA 1/10W
	D1BB4701A055	MT-GLAZE 4.7K FA 1/10W
R5513	D0GB820JA041	MT-GLAZE 82 JA 1/10W
	D0GB820JA072	MT-GLAZE 82 JA 1/10W
	D0GB820JA089	MT-GLAZE 82 JA 1/10W
R5514	D0GB100JA041	MT-GLAZE 10 JA 1/10W
	D0GB100JA072	MT-GLAZE 10 JA 1/10W
	D0GB100JA089	MT-GLAZE 10 JA 1/10W
R5516	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R5517	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R5518	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R5519	D0GB101JA041	MT-GLAZE 100 JA 1/10W
	D0GB101JA069	MT-GLAZE 100 JA 1/10W
	D0GB101JA089	MT-GLAZE 100 JA 1/10W
R5520	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5522	D0GB102JA041	MT-GLAZE 1K JA 1/10W
	D0GB102JA071	MT-GLAZE 1K JA 1/10W
	D0GB102JA089	MT-GLAZE 1K JA 1/10W
R5523	D0GB103JA041	MT-GLAZE 10K JA 1/10W
	D0GB103JA072	MT-GLAZE 10K JA 1/10W
	D0GB103JA089	MT-GLAZE 10K JA 1/10W
R5524	D0GB391ZA037	MT-GLAZE 390 FA 1/10W
	D0GB391ZA068	MT-GLAZE 390 FA 1/10W
	D1BB3900A055	MT-GLAZE 390 FA 1/10W
R5525	D0GB472JA041	MT-GLAZE 4.7K JA 1/10W
	D0GB472JA072	MT-GLAZE 4.7K JA 1/10W
	D0GB472JA089	MT-GLAZE 4.7K JA 1/10W
R5526	D0GB472JA041	MT-GLAZE 4.7K JA 1/10W
	D0GB472JA072	MT-GLAZE 4.7K JA 1/10W
	D0GB472JA089	MT-GLAZE 4.7K JA 1/10W
R5527	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5528	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE 0.000 ZA 1/10W
R5529	D0GB333JA041	MT-GLAZE 33K JA 1/10W
	D0GB333JA070	MT-GLAZE 33K JA 1/10W
	D0GB333JA089	MT-GLAZE 33K JA 1/10W

Schematic Location	Part No.	Description	
R5530	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5531	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5532	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5533	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5534	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5535	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5536	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5537	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5538	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5539	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5540	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5541	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5542	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5543	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
	D0GB273JA089	MT-GLAZE	27K JA 1/10W
R5544	D0GB333JA041	MT-GLAZE	33K JA 1/10W
	D0GB333JA070	MT-GLAZE	33K JA 1/10W
	D0GB333JA089	MT-GLAZE	33K JA 1/10W
R5545	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5546	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5547	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5548	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5549	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5550	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5551	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5552	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5553	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5554	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5555	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5556	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5557	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5558	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5559	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5560	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5561	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5562	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5563	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5564	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5565	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5566	D0GB750JA041	MT-GLAZE	75 JA 1/10W
	D0GB750JA072	MT-GLAZE	75 JA 1/10W
	D0GB750JA089	MT-GLAZE	75 JA 1/10W
R5567	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5568	D0GB221JA041	MT-GLAZE	220 JA 1/10W
	D0GB221JA069	MT-GLAZE	220 JA 1/10W
	D0GB221JA089	MT-GLAZE	220 JA 1/10W
R5569	D0GB105JA041	MT-GLAZE	1M JA 1/10W
	D0GB105JA071	MT-GLAZE	1M JA 1/10W
	D0GB105JA089	MT-GLAZE	1M JA 1/10W
R5570	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5572	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W

Schematic Location	Part No.	Description	
R5573	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5574	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5575	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5576	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5577	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5578	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5579	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5581	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5582	D0GB222JA041	MT-GLAZE	2.2K JA 1/10W
	D0GB222JA072	MT-GLAZE	2.2K JA 1/10W
	D0GB222JA089	MT-GLAZE	2.2K JA 1/10W
R5583	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5584	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5585	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5586	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5587	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R5588	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R5589	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R5591	D0GB472JA041	MT-GLAZE	4.7K JA 1/10W
	D0GB472JA072	MT-GLAZE	4.7K JA 1/10W
	D0GB472JA089	MT-GLAZE	4.7K JA 1/10W
R5592	D0GB472JA041	MT-GLAZE	4.7K JA 1/10W
	D0GB472JA072	MT-GLAZE	4.7K JA 1/10W
	D0GB472JA089	MT-GLAZE	4.7K JA 1/10W
R5593	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5594	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W

Schematic Location	Part No.	Description	
R5598	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5599	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5603	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5650	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
	D0GB101JA041	MT-GLAZE	100 JA 1/10W
R5660	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5700	D0GB101ZA037	MT-GLAZE	100 FA 1/10W
	D0GB101ZA068	MT-GLAZE	100 FA 1/10W
	D1BB1000A055	MT-GLAZE	100 FA 1/10W
R5701	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5702	D0GB101ZA037	MT-GLAZE	100 FA 1/10W
	D0GB101ZA068	MT-GLAZE	100 FA 1/10W
	D1BB1000A055	MT-GLAZE	100 FA 1/10W
R5750	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5751	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5753	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5900	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5901	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
	D0GB101JA089	MT-GLAZE	100 JA 1/10W
R5902	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5903	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5908	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R5950	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5952	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R5954	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R5956	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W

Schematic Location	Part No.	Description	
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R5957	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6250	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
R6251	D0GB471JA041	MT-GLAZE	470 JA 1/10W
	D0GB471JA069	MT-GLAZE	470 JA 1/10W
R6253	D0GB392JA041	MT-GLAZE	3.9K JA 1/10W
	D0GB392JA072	MT-GLAZE	3.9K JA 1/10W
R6254	D0GB222JA041	MT-GLAZE	2.2K JA 1/10W
	D0GB222JA072	MT-GLAZE	2.2K JA 1/10W
R6255	D0GB222JA041	MT-GLAZE	2.2K JA 1/10W
	D0GB222JA072	MT-GLAZE	2.2K JA 1/10W
R6256	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
R6257	D0GB563JA041	MT-GLAZE	56K JA 1/10W
	D0GB563JA072	MT-GLAZE	56K JA 1/10W
R6259	D0GB563JA041	MT-GLAZE	56K JA 1/10W
	D0GB563JA072	MT-GLAZE	56K JA 1/10W
R6260	D0GB273JA041	MT-GLAZE	27K JA 1/10W
	D0GB273JA072	MT-GLAZE	27K JA 1/10W
R6262	D0GB392JA041	MT-GLAZE	3.9K JA 1/10W
	D0GB392JA072	MT-GLAZE	3.9K JA 1/10W
R6263	D0GB101JA041	MT-GLAZE	100 JA 1/10W
	D0GB101JA069	MT-GLAZE	100 JA 1/10W
R6266	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
R6267	D0GB471JA041	MT-GLAZE	470 JA 1/10W
	D0GB471JA069	MT-GLAZE	470 JA 1/10W
R6268	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
R6269	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
R6270	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R6317	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6337	D0GB105JA041	MT-GLAZE	1M JA 1/10W
	D0GB105JA071	MT-GLAZE	1M JA 1/10W
	D0GB105JA089	MT-GLAZE	1M JA 1/10W
R6339	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6340	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6342	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6348	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6500	D0GB473JA072	MT-GLAZE	47K JA 1/10W
R6501	D0GB473JA072	MT-GLAZE	47K JA 1/10W
R6502	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W

Schematic Location	Part No.	Description	
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6503	D0GB103JA072	MT-GLAZE	10K JA 1/10W
R6504	D0GB470J0002	MT-GLAZE	47 JA 1/10W
R6505	D0GB470J0002	MT-GLAZE	47 JA 1/10W
R6506	D0GB102JA071	MT-GLAZE	1K JA 1/10W
R6516	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6517	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6519	D0GB223JA070	MT-GLAZE	22K JA 1/10W
R6520	D0GB470J0002	MT-GLAZE	47 JA 1/10W
R6530	D0GB473JA041	MT-GLAZE	47K JA 1/10W
	D0GB473JA072	MT-GLAZE	47K JA 1/10W
	D0GB473JA089	MT-GLAZE	47K JA 1/10W
R6531	D0GB473JA041	MT-GLAZE	47K JA 1/10W
	D0GB473JA072	MT-GLAZE	47K JA 1/10W
	D0GB473JA089	MT-GLAZE	47K JA 1/10W
R6532	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6533	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6534	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6535	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6536	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6546	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6547	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6549	D0GB223JA041	MT-GLAZE	22K JA 1/10W
	D0GB223JA070	MT-GLAZE	22K JA 1/10W
	D0GB223JA089	MT-GLAZE	22K JA 1/10W
R6550	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6560	D0GB473JA041	MT-GLAZE	47K JA 1/10W
	D0GB473JA072	MT-GLAZE	47K JA 1/10W
	D0GB473JA089	MT-GLAZE	47K JA 1/10W
R6561	D0GB473JA041	MT-GLAZE	47K JA 1/10W
	D0GB473JA072	MT-GLAZE	47K JA 1/10W
	D0GB473JA089	MT-GLAZE	47K JA 1/10W
R6562	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6563	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6564	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W

Schematic Location	Part No.	Description	
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6565	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6566	D0GB102JA041	MT-GLAZE	1K JA 1/10W
	D0GB102JA071	MT-GLAZE	1K JA 1/10W
	D0GB102JA089	MT-GLAZE	1K JA 1/10W
R6576	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6577	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6579	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6581	D0GB470J0002	MT-GLAZE	47 JA 1/10W
	D0GB470JA041	MT-GLAZE	47 JA 1/10W
	D0GB470JA089	MT-GLAZE	47 JA 1/10W
R6582	D0GB223JA041	MT-GLAZE	22K JA 1/10W
	D0GB223JA070	MT-GLAZE	22K JA 1/10W
	D0GB223JA089	MT-GLAZE	22K JA 1/10W
R6591	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6592	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6600	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6602	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6604	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6606	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6607	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6608	D0GDR00JA072	MT-GLAZE	0.000 ZA 1/10W
	D0GDR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6700	D0GB223JA041	MT-GLAZE	22K JA 1/10W
	D0GB223JA070	MT-GLAZE	22K JA 1/10W
	D0GB223JA089	MT-GLAZE	22K JA 1/10W
R6702	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6703	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6704	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6705	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6706	D0GB471ZA037	MT-GLAZE	470 FA 1/10W
	D0GB471ZA068	MT-GLAZE	470 FA 1/10W
	D1BB4700A055	MT-GLAZE	470 FA 1/10W
R6707	D0GB100JA041	MT-GLAZE	10 JA 1/10W
	D0GB100JA072	MT-GLAZE	10 JA 1/10W
	D0GB100JA089	MT-GLAZE	10 JA 1/10W

Schematic Location	Part No.	Description	
R6708	D0GB221Z0002	MT-GLAZE	220 FA 1/10W
	D0GB221ZA068	MT-GLAZE	220 FA 1/10W
	D1BB2200A055	MT-GLAZE	220 FA 1/10W
R6709	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6720	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6722	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6723	D0GB683ZA038	MT-GLAZE	68K FA 1/10W
	D0GB683ZA068	MT-GLAZE	68K FA 1/10W
	D1BB6802A055	MT-GLAZE	68K FA 1/10W
R6725	D0GB472ZA038	MT-GLAZE	4.7K FA 1/10W
	D0GB472ZA068	MT-GLAZE	4.7K FA 1/10W
	D1BB4701A055	MT-GLAZE	4.7K FA 1/10W
R6726	D0GB153ZA038	MT-GLAZE	15K FA 1/10W
	D0GB153ZA068	MT-GLAZE	15K FA 1/10W
	D1BB1502A055	MT-GLAZE	15K FA 1/10W
R6727	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6728	D0GB223JA041	MT-GLAZE	22K JA 1/10W
	D0GB223JA070	MT-GLAZE	22K JA 1/10W
	D0GB223JA089	MT-GLAZE	22K JA 1/10W
R6729	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6730	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6731	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6732	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6733	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6734	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6740	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6742	D0GB103JA041	MT-GLAZE	10K JA 1/10W
	D0GB103JA072	MT-GLAZE	10K JA 1/10W
	D0GB103JA089	MT-GLAZE	10K JA 1/10W
R6743	D0GB223JA041	MT-GLAZE	22K JA 1/10W
	D0GB223JA070	MT-GLAZE	22K JA 1/10W
	D0GB223JA089	MT-GLAZE	22K JA 1/10W
R6744	D0GB104JA041	MT-GLAZE	100K JA 1/10W
	D0GB104JA068	MT-GLAZE	100K JA 1/10W
	D0GB104JA089	MT-GLAZE	100K JA 1/10W
R6745	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W
R6746	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA 1/10W

Schematic Location	Part No.	Description		
R6750	D0GB103JA041	MT-GLAZE	10K JA	1/10W
	D0GB103JA072	MT-GLAZE	10K JA	1/10W
	D0GB103JA089	MT-GLAZE	10K JA	1/10W
R6755	D0GB681ZA037	MT-GLAZE	680 FA	1/10W
	D0GB681ZA068	MT-GLAZE	680 FA	1/10W
	D1BB6800A055	MT-GLAZE	680 FA	1/10W
R6756	D0GB332ZA038	MT-GLAZE	3.3K FA	1/10W
	D0GB332ZA068	MT-GLAZE	3.3K FA	1/10W
	D1BB3301A055	MT-GLAZE	3.3K FA	1/10W
R6757	D0GB103ZA038	MT-GLAZE	10K FA	1/10W
	D0GB103ZA068	MT-GLAZE	10K FA	1/10W
	D1BB1002A055	MT-GLAZE	10K FA	1/10W
R6758	D0GBR00JA071	MT-GLAZE	0.000 ZA	1/10W
	D0GBR00Z0002	MT-GLAZE	0.000 ZA	1/10W

ASSY,PWB,SUB_ANALOG-Z5VT

CAPACITORS

C1020	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C1051	F1H1H102A219	CERAMIC	1000P K	50V
C1052	F1H1H102A219	CERAMIC	1000P K	50V
C1600	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C1602	F2A0J221B358	ELECT	220U M	6.3V
C1603	F1H1H104A913	CERAMIC	0.1U K	50V
C1604	F2A1V471B620	ELECT	470U M	35V
C1605	F1H1H103A219	CERAMIC	0.01U K	50V
C1606	F1H1H103A219	CERAMIC	0.01U K	50V
C1607	F1H1H103A219	CERAMIC	0.01U K	50V
C1608	F1H1H103A219	CERAMIC	0.01U K	50V
C1610	F1H1H473A918	CERAMIC	0.047U K	50V
C1612	F1H1H104A913	CERAMIC	0.1U K	50V
C1613	F1H1H104A913	CERAMIC	0.1U K	50V
C1640	F1H1C104A041	CERAMIC	0.1U K	16V
	F1H1C104A091	CERAMIC	0.1U K	16V
C1641	F1H1C104A041	CERAMIC	0.1U K	16V
	F1H1C104A091	CERAMIC	0.1U K	16V
C1642	F2A1C470B845	ELECT	47U M	16V
C1643	F1H1C104A041	CERAMIC	0.1U K	16V
	F1H1C104A091	CERAMIC	0.1U K	16V
C1644	F2A1C4710109	ELECT	470U M	16V
	F2A1C471B844	ELECT	470U M	16V
C1666	F2A1E4710118	ELECT	470U M	25V
	F2A1E4710121	ELECT	470U M	25V
	F2G1E471A185	ELECT	470U M	25V
C1704	F1H1H103A219	CERAMIC	0.01U K	50V
C1800	F1H1H104A913	CERAMIC	0.1U K	50V
C1801	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C2401	F1H1H1200004	CERAMIC	12P J	50V
	F1H1H1200005	CERAMIC	12P J	50V
C2402	F1H1H1200004	CERAMIC	12P J	50V
	F1H1H1200005	CERAMIC	12P J	50V

Schematic Location	Part No.	Description		
C2403	F1H1H1200004	CERAMIC	12P J	50V
	F1H1H1200005	CERAMIC	12P J	50V
C2405	F1H1H104A913	CERAMIC	0.1U K	50V
C2410	F1H1H1000022	CERAMIC	10P C	50V
	F1H1H100A831	CERAMIC	10P D	50V
C6108	F1H1H680A831	CERAMIC	68P J	50V
C6110	F1H1H104A913	CERAMIC	0.1U K	50V
C6113	F1H1H102A219	CERAMIC	1000P K	50V
C6114	F1H1H680A831	CERAMIC	68P J	50V
C6115	F1J0J106A004	CERAMIC	10U K	6.3V
	F1J0J106A020	CERAMIC	10U K	6.3V
C6116	F2A1C6810044	ELECT	680U M	16V
C6117	F1H1C104A041	CERAMIC	0.1U K	16V
	F1H1C104A091	CERAMIC	0.1U K	16V
C6118	F1H1C104A041	CERAMIC	0.1U K	16V
	F1H1C104A091	CERAMIC	0.1U K	16V
C6121	F2A1C470B845	ELECT	47U M	16V
C6122	F2A1C221B844	ELECT	220U M	16V
C6124	F1H1H1000022	CERAMIC	10P C	50V
	F1H1H100A831	CERAMIC	10P D	50V
C6125	F1H1H1000022	CERAMIC	10P C	50V
	F1H1H100A831	CERAMIC	10P D	50V

Diodes

D1613	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D1641	B0ACCK000005	DIODE 1SS355-TE-17
	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D1668	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D1750	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L
D2405	B0JCGD000002	DIODE RB551V-30-TE-17
	B0JCGD000014	DIODE DSF05S30U
D6001	B0ACCK000019	DIODE 1SS355
	B0ACDJ000007	DIODE 1SS352-(TPH3)
	B0ACDJ000017	DIODE 1SS352(TH3 F T)
	DDDA2J10100LG	DIODE DA2J10100L

INTEGRATED CIRCUITS

IC1600	C0CBAYG00009	IC LM1117S-ADJ
IC1640	C0CBAYG00009	IC LM1117S-ADJ
IC6001	C0CBAYG00009	IC LM1117S-ADJ

COILS

L1702	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
L1704	D0GDR00JA072	MT-GLAZE	0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE	0.000 ZA 1/10W

Schematic Location	Part No.	Description
L1705	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE 0.000 ZA 1/10W
L1706	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE 0.000 ZA 1/10W
L1707	J0JYC0000381	"INDUCTOR , 220 OHM"
L1708	J0JYC0000381	"INDUCTOR , 220 OHM"
L1709	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE 0.000 ZA 1/10W
L1710	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE 0.000 ZA 1/10W
L1716	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
L1801	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
L6102	D0GDR00JA072	MT-GLAZE 0.000 ZA 1/10W
	D0YDR0000036	MT-GLAZE 0.000 ZA 1/10W
L6103	J0JCC0000371	"INDUCTOR , 120 OHM"
L6104	J0JCC0000371	"INDUCTOR , 120 OHM"
L6107	J0JYC0000381	"INDUCTOR , 220 OHM"

TRANSISTORS

Q1610	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q1611	B1CHPD000006	TR CPH3338-T-TL-E
	B1DHDD000041	TR AO3407A
Q1750	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q1751	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q1810	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S
Q1813	B1ABCE000028	TR MMBTSC3928R
	B1ABDF000013	TR 2SC3928A1R
	B1ABDF000024	TR 2SC3928A1S

RESISTORS

R1002	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1004	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1015	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1016	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1022	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1023	D0GB820JA072	MT-GLAZE	82 JA 1/10W
R1024	D0GB750JA072	MT-GLAZE	75 JA 1/10W
R1035	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1036	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W
R1051	D0GB681JA069	MT-GLAZE	680 JA 1/10W
R1052	D0GB104JA068	MT-GLAZE	100K JA 1/10W
R1054	D0GB681JA069	MT-GLAZE	680 JA 1/10W
R1055	D0GB104JA068	MT-GLAZE	100K JA 1/10W
R1600	D0GB121ZA038	MT-GLAZE	120 FA 1/10W
R1601	D0GB120JA072	MT-GLAZE	12 JA 1/10W
R1602	D0GB221Z0002	MT-GLAZE	220 FA 1/10W
R1610	D0GB103JA072	MT-GLAZE	10K JA 1/10W
R1611	D0GBR00JA071	MT-GLAZE	0.000 ZA 1/10W

Schematic Location	Part No.	Description
R1612	D0GB105JA071	MT-GLAZE 1M JA 1/10W
R1616	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R1640	D0GB121ZA038	MT-GLAZE 120 FA 1/10W
	D1BB1200A055	MT-GLAZE 120 FA 1/10W
R1641	D0GB120JA041	MT-GLAZE 12 JA 1/10W
	D0GB120JA072	MT-GLAZE 12 JA 1/10W
R1642	D0GB821ZA037	MT-GLAZE 820 FA 1/10W
	D1BB8200A055	MT-GLAZE 820 FA 1/10W
R1700	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1701	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1702	D0GB102JA071	MT-GLAZE 1K JA 1/10W
R1707	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1708	D0GB183JA072	MT-GLAZE 18K JA 1/10W
R1751	D0GB182JA072	MT-GLAZE 1.8K JA 1/10W
R1752	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R1753	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R1754	D0GB332JA072	MT-GLAZE 3.3K JA 1/10W
R1790	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1791	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R1792	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1797	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1800	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1803	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1804	D0GB222JA072	MT-GLAZE 2.2K JA 1/10W
R1810	D0GB331JA069	MT-GLAZE 330 JA 1/10W
R1811	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R1812	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R1813	D0GB331JA069	MT-GLAZE 330 JA 1/10W
R1843	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R1912	D0GB102JA041	MT-GLAZE 1K JA 1/10W
	D0GB102JA071	MT-GLAZE 1K JA 1/10W
	D0GB102JA089	MT-GLAZE 1K JA 1/10W
R1913	D0GB102JA041	MT-GLAZE 1K JA 1/10W
	D0GB102JA071	MT-GLAZE 1K JA 1/10W
	D0GB102JA089	MT-GLAZE 1K JA 1/10W
R2400	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R2401	D0GBR00JA071	MT-GLAZE 0.000 ZA 1/10W
R2405	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2407	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2408	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2409	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2410	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R2411	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R2412	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R2413	D0GB103JA072	MT-GLAZE 10K JA 1/10W
R2414	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2415	D0GB101JA069	MT-GLAZE 100 JA 1/10W
R2420	G1C68NKA0167	"INDUCTOR, 0.068U K"
R2421	G1C68NKA0167	"INDUCTOR, 0.068U K"
R2422	G1C68NKA0167	"INDUCTOR, 0.068U K"
R6100	D0GB470J0002	MT-GLAZE 47 JA 1/10W
R6101	D0GB470J0002	MT-GLAZE 47 JA 1/10W
R6105	D0C2330JA119	OXIDE-MT 33 JA 2W
R6106	D0GB102JA071	MT-GLAZE 1K JA 1/10W
R6107	D0GB331ZA037	MT-GLAZE 330 FA 1/10W

Schematic Location	Part No.	Description
	MISCELLANEOUS	
⚠ A6102	J3ACAAB00004	“TUNER,U/V”
⚠ EL901	1AV4T40C33400	LCD(V420H2-L06)
SPL	L0AA12C00016	“SPEAKER,8”
SPR	L0AA12C00016	“SPEAKER,8”
⚠ UL901	N0AB4FJ00002	“UNIT,POWER-Z5VT”
⚠ W901	K2CB2YY00046	“CORD,POWER-2.0MK-VTR-02”
	K2CB2YY00064	“CORD,POWER-2000MK”
	K2CB2YY00079	“CORD,POWER-2000MK”
	K2CB2YY00082	“CORD,POWER-2.0MK-VTR-02”
⚠ WK7200-P	K9ZZ00002521	FLEXIBLE FLAT CABLE
⚠ A300	1LG0B10Y11200	“ASSY ,PWB,KEY_BOARD-Z5VT”
⚠ A100	1LG0B10Y11000	“ASSY,PWB,ANALOG-COMP-Z5VT”
⚠ A101	1LG0B10Y1100A	“ASSY,PWB,SUB_ANALOG-Z5VT”
⚠ A102	1LG0B10Y1100B	“ASSY,PWB,RC_ANALOG-Z5VT”
⚠ A200	1LG0B10Y11100	“ASSY,PWB ,MAIN DIGITAL-Z5VT”
K6500	K1FY119E0042	“SOCKET,HDMI 19P”
K6530	K1FY119E0042	“SOCKET,HDMI 19P”
K6560	K1FY119E0042	“SOCKET,HDMI 19P”
K7200	K1MY51B00005	“SOCKET,FFC 51P”
KUSB	K1FY104B0086	“SOCKET,USB 4P”
X5500	H0J250500119	“OSC,CRYSTAL 25MHZ”
K1000	K2HA3YYA0002	“JACK,RCA-3”
K1010	K2HA5YYA0004	“JACK,RCA-5”
K1020	K2HA1YYB0026	“JACK,RCA-1”
K1021	K2HA2YYA0007	“JACK,RCA-2”
K1030	K2HA5YYA0004	“JACK,RCA-5”
K2401	K2HC1YYB0066	“JACK,PHONE D3.6”

SERVICE PARTS

"For Digital Main board replacement please get the correct assembly name/part number"
Service Name: ASSY,PWB ,MAIN DIGITAL-Z5VT
Japan BOM part number: 1LG0B10Y11100

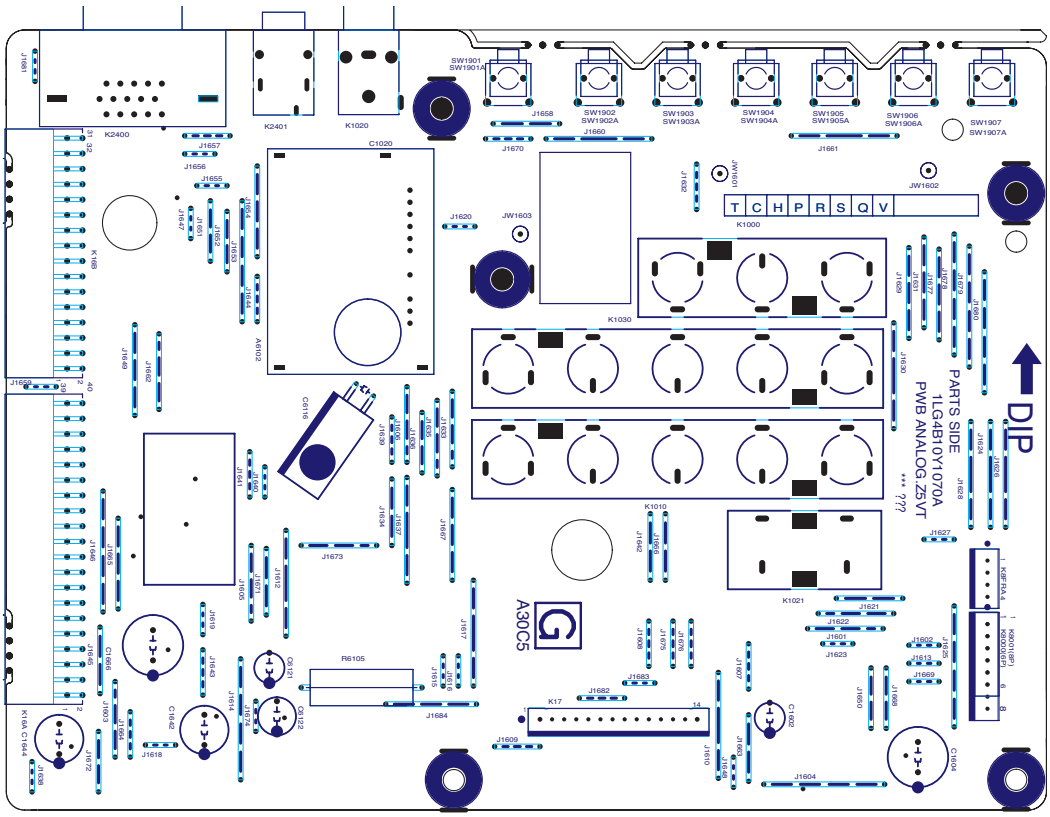
"For RC/LED unit replacement please get the correct assembly name/part number"
Service Name: ASSY,PWB,RC_ANALOG-Z5VT
Japan BOM part number: 1LG0B10Y1100B
NOTE: This is a sub-assembly (A100) from ASSY,PWB,ANALOG-COMP-Z5VT

"For KEY unit replacement please get the correct assembly name/part number"
Service Name: ASSY ,PWB,KEY_BOARD-Z5VT
Japan BOM part number: 1LG0B10Y11200

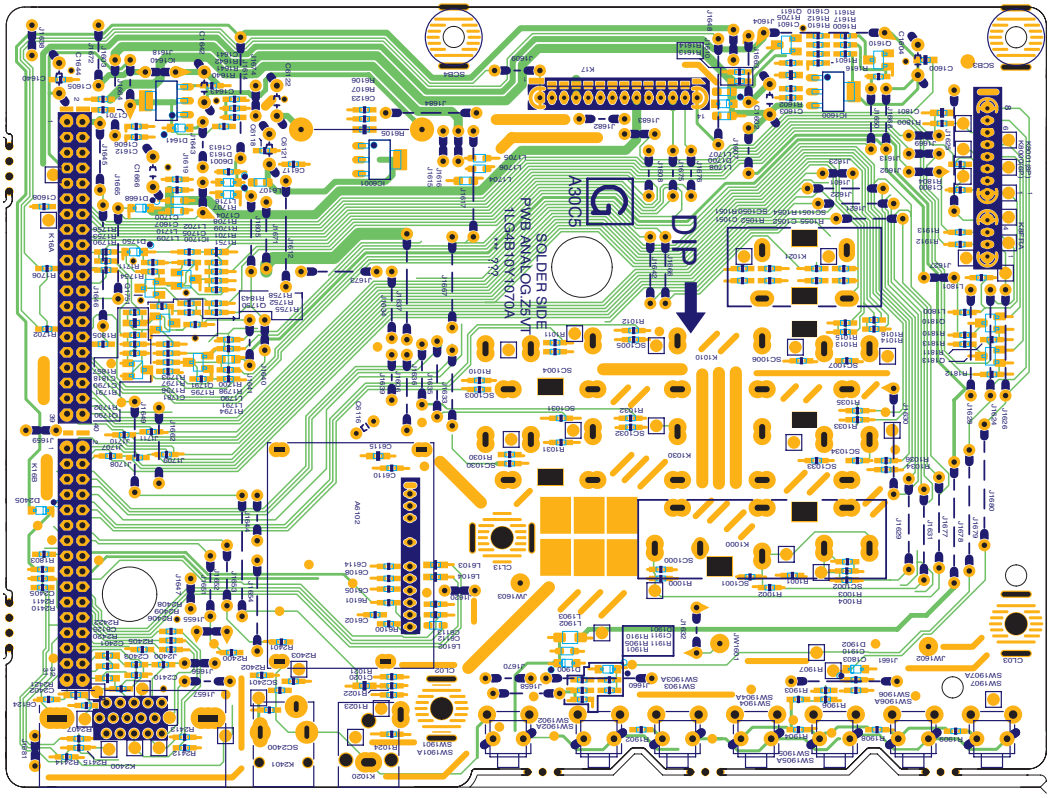
"For Power board replacement please get the correct assembly name/part number"
Service Name: UNIT,POWER-Z5VT
Japan BOM part number: N0AB4FJ00002

COMPONENT AND TEST POINT LOCATIONS

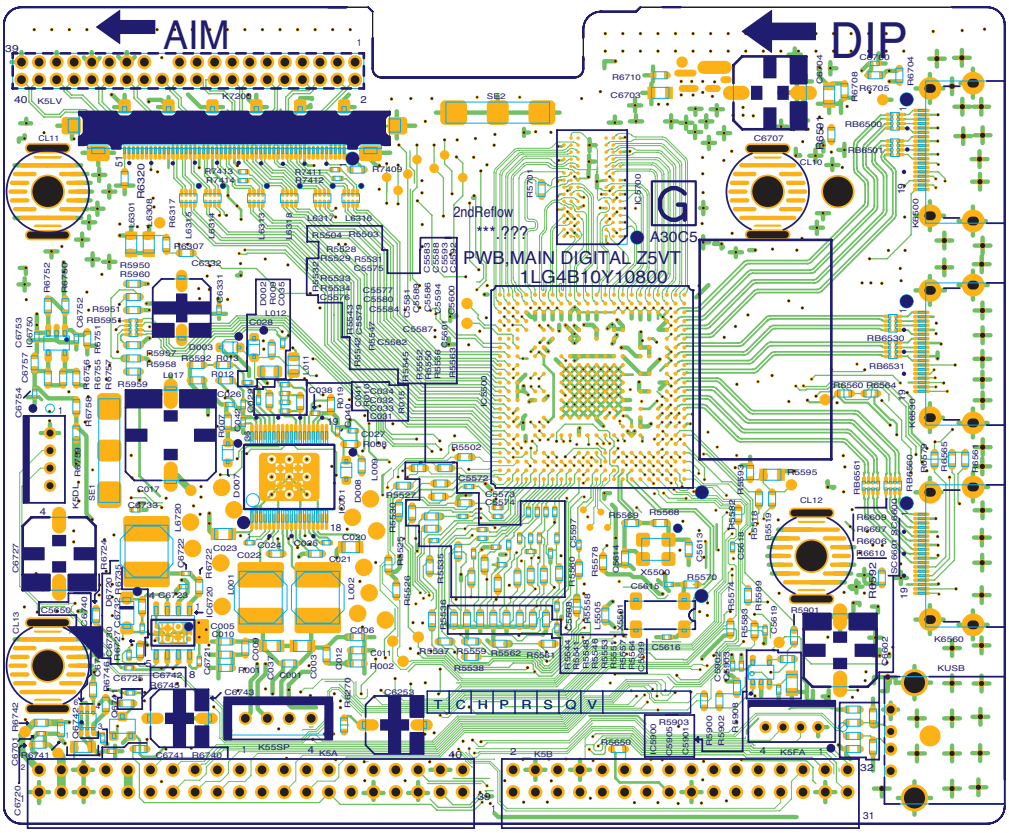
ANALOG BOARD PARTS SIDE



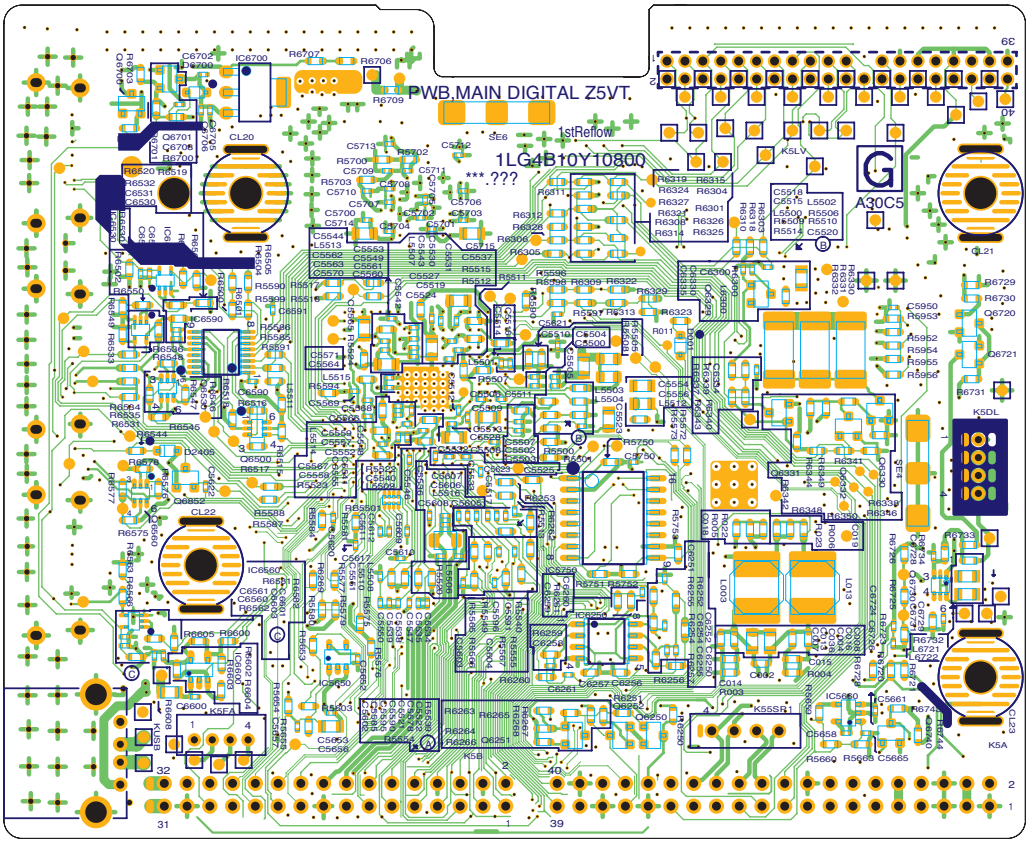
ANALOG BOARD SOLDER SIDE



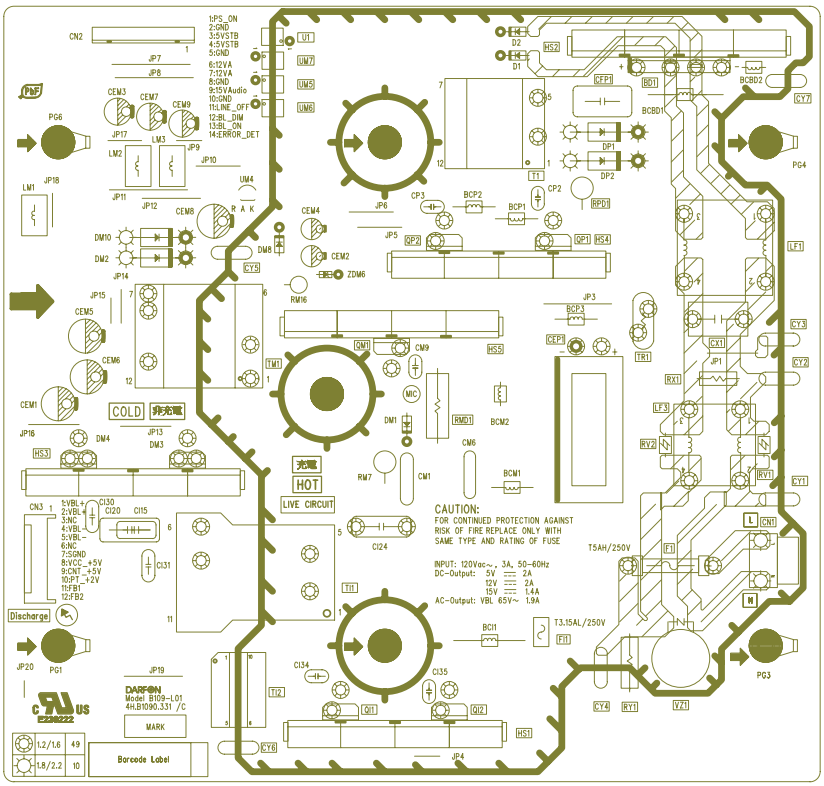
DIGITAL BOARD PARTS SIDE



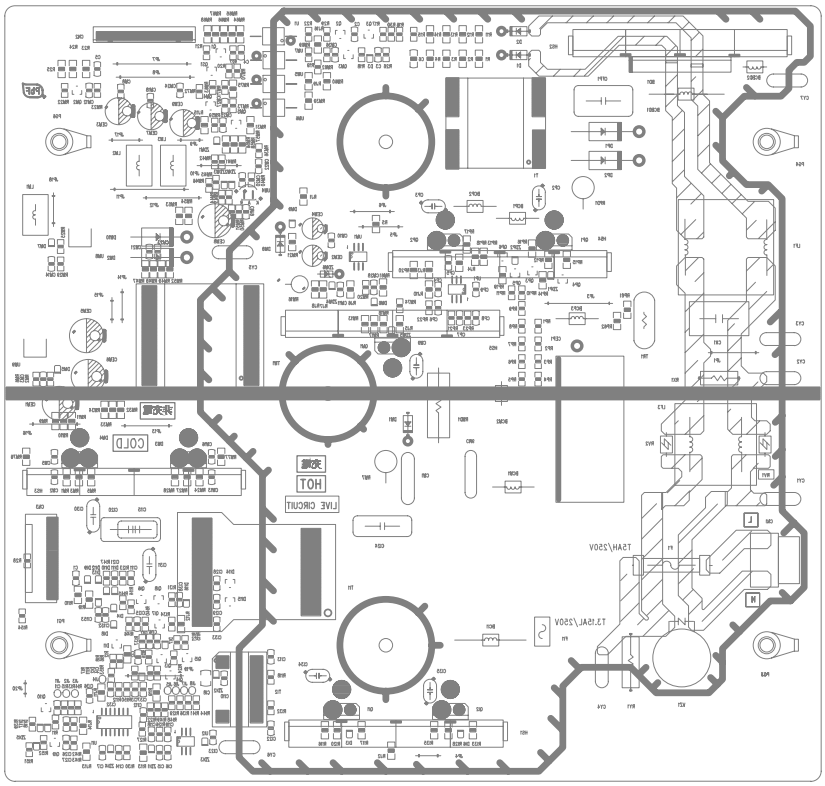
DIGITAL BOARD SOLDER SIDE



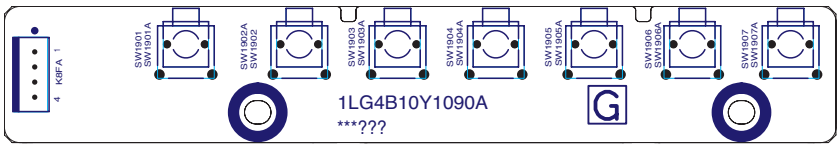
POWER BOARD PARTS SIDE



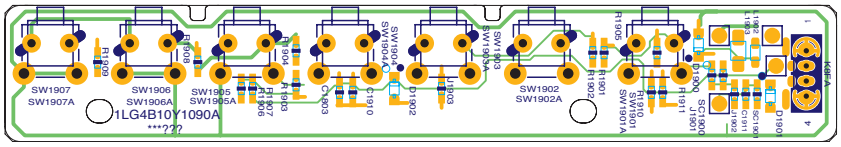
POWER BOARD SOLDER SIDE



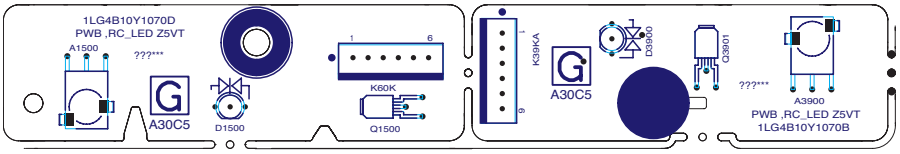
KEY_SW PARTS SIDE



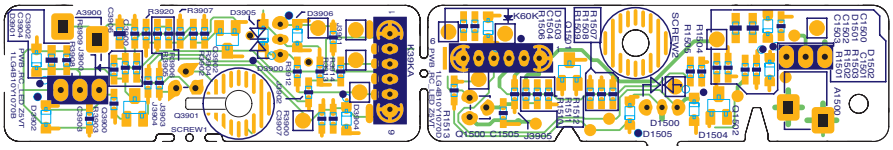
KEY_SW SOLDER SIDE



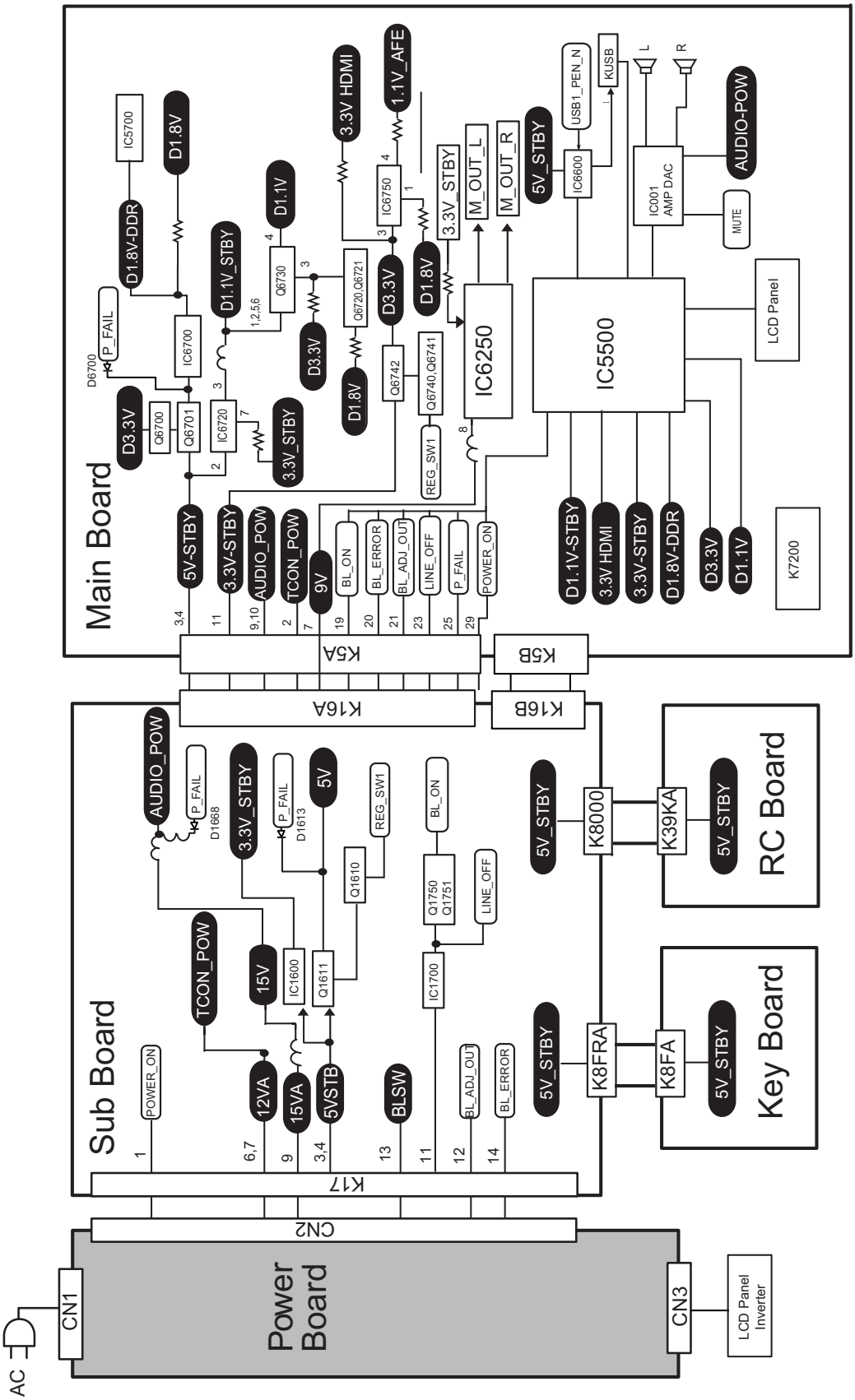
PWB RC LED PARTS SIDE



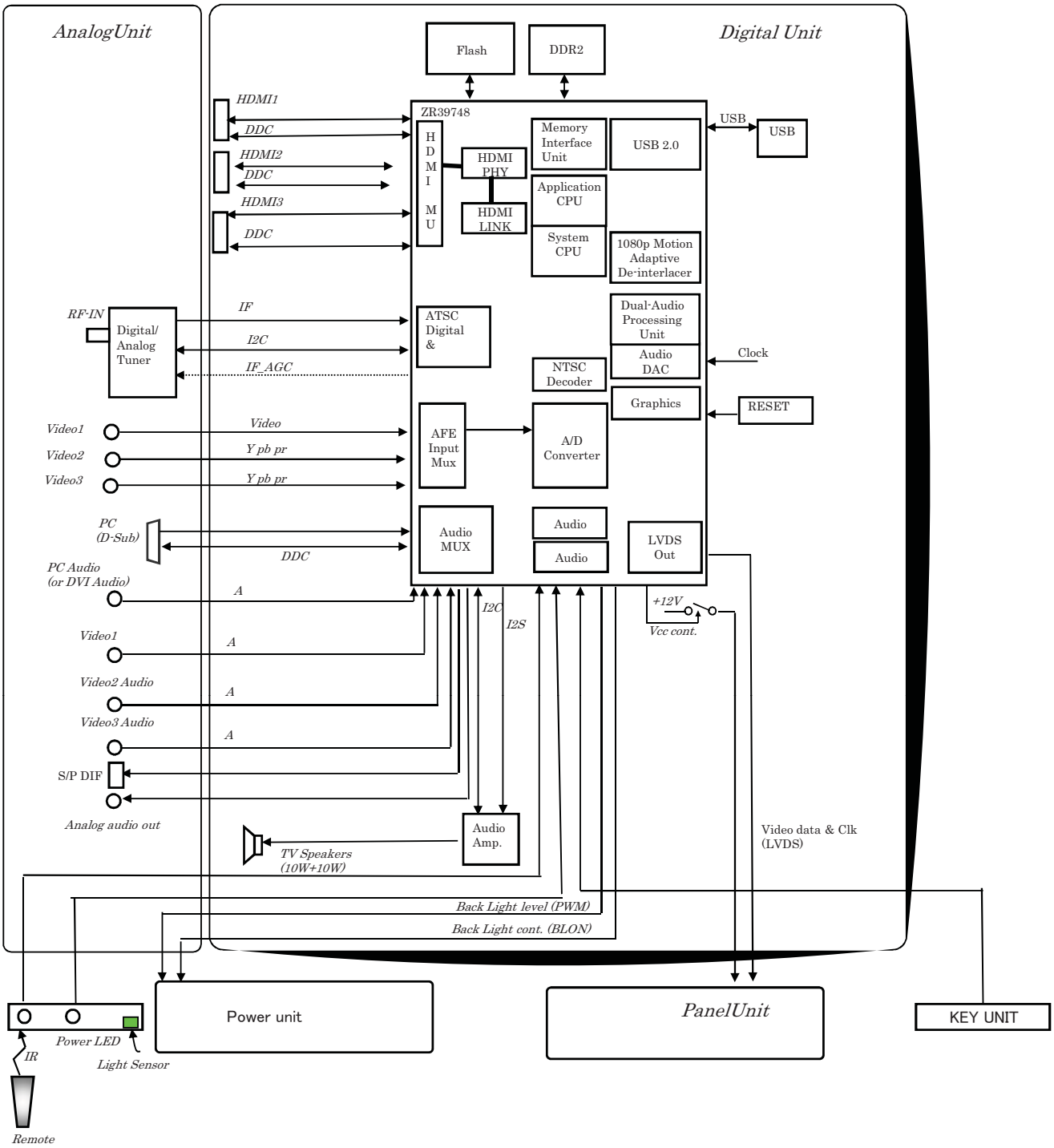
PWB RC LED SOLDER SIDE



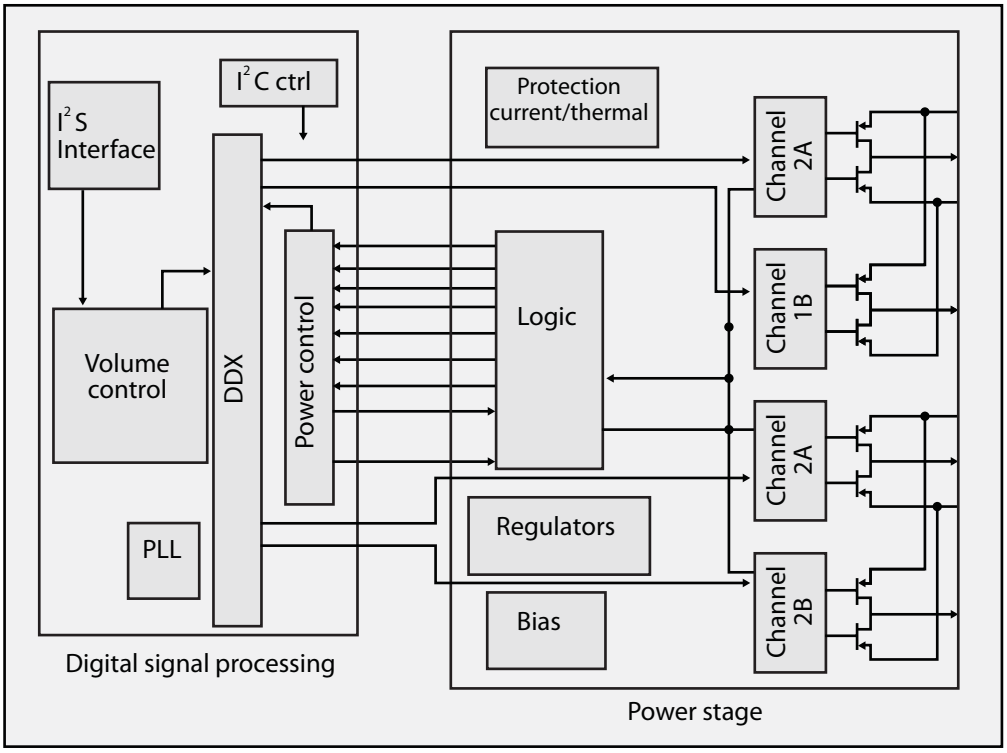
BLOCK DIAGRAM POWER LINES



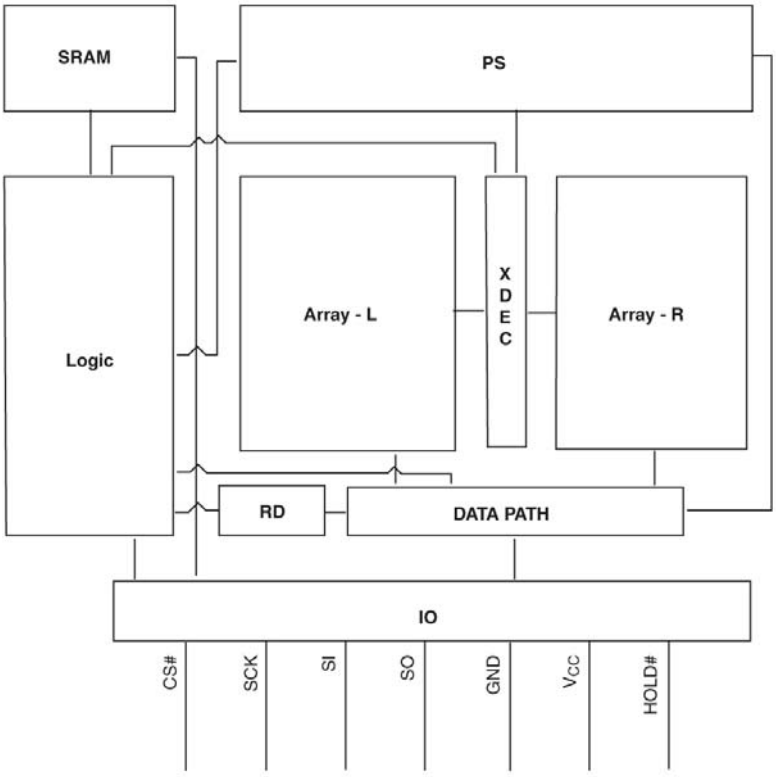
BLOCK DIAGRAM SIGNAL LINES



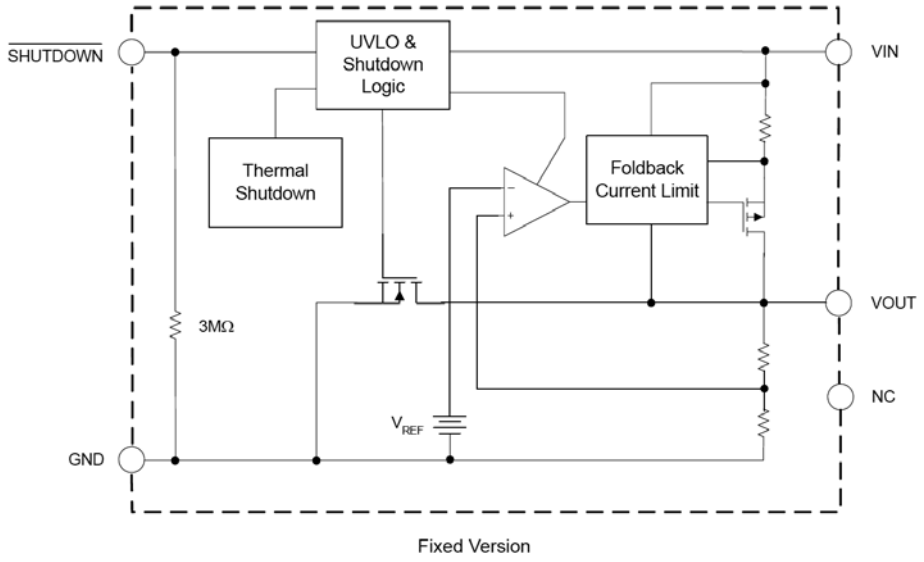
IC001_C1AB00003628_IC STA333W13TR, Audio AMP



IC5750, Flash Memory

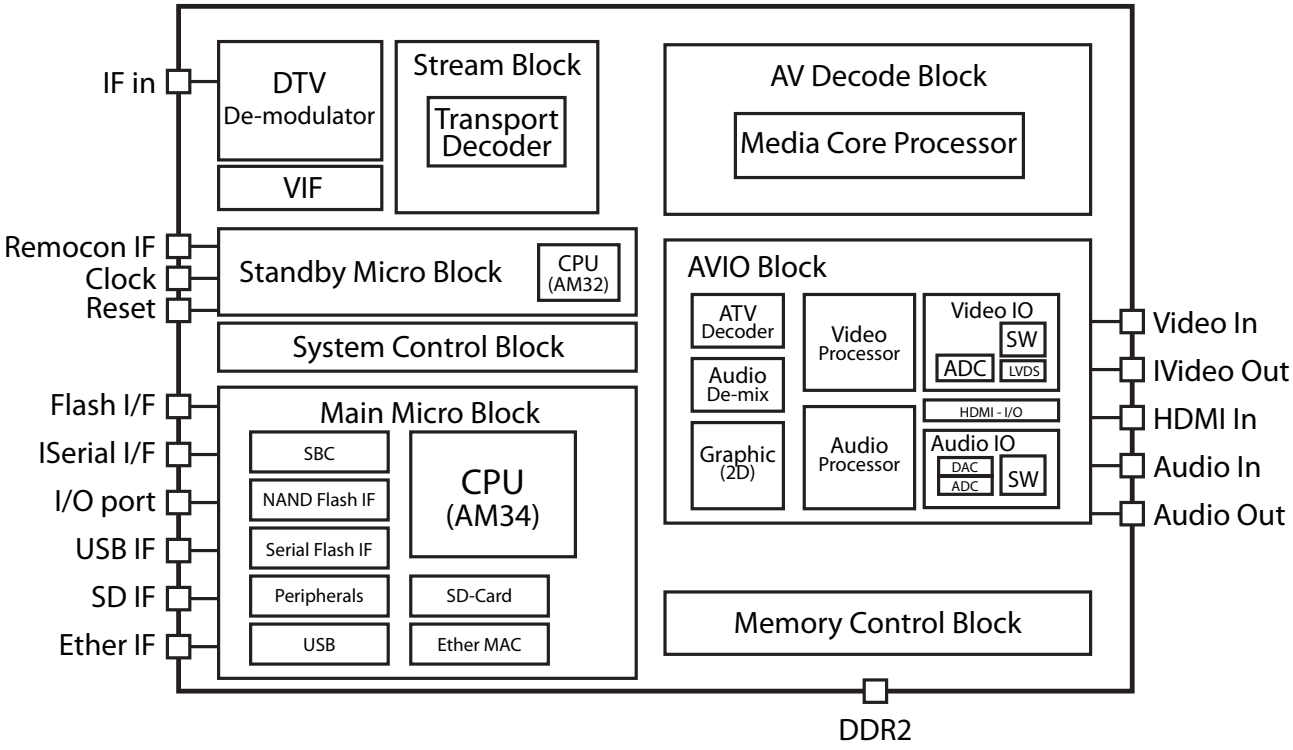


IC6750_C0DBGYY02242_AP2128K-ADJTRG1

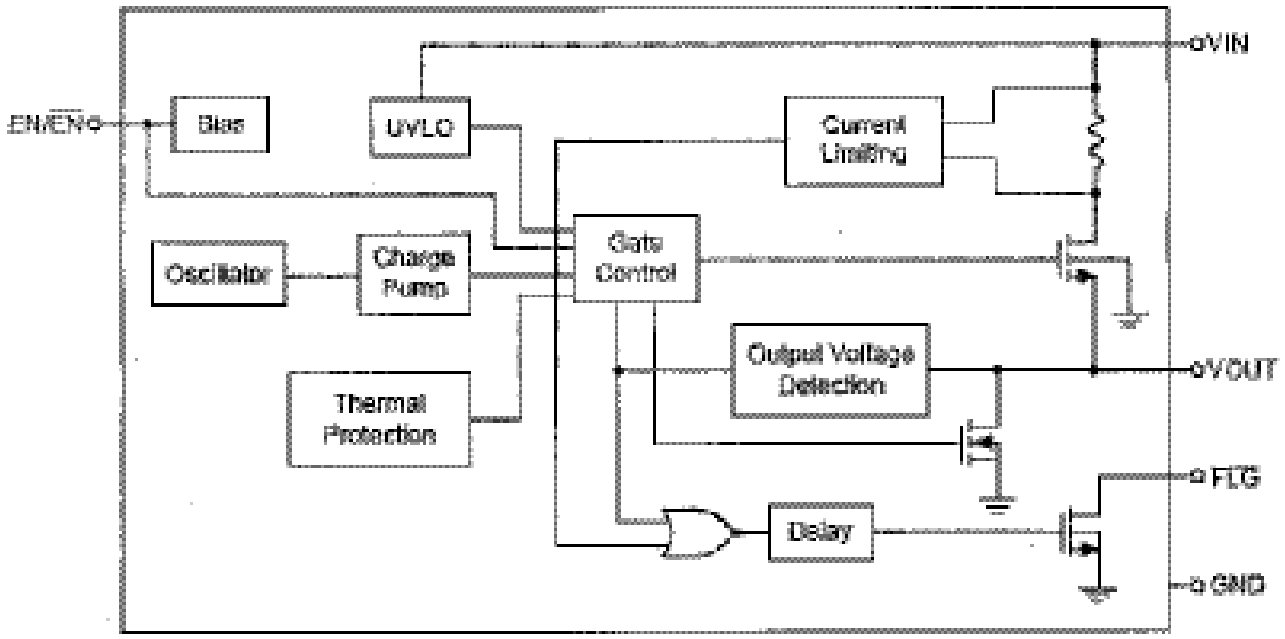


Fixed Version

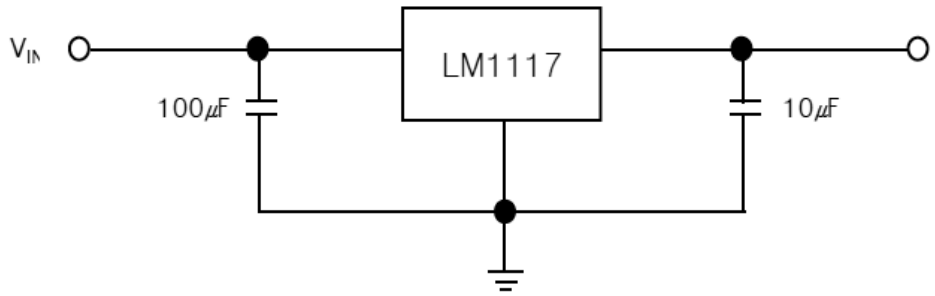
IC5500 Main Chip signal processor



IC6600_C0DBZYY00485, USB Protection

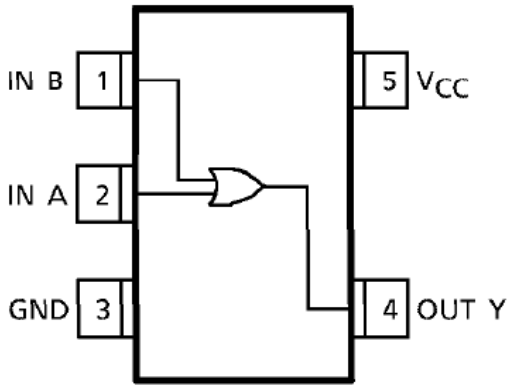


IC6700_C0CBAYG00009_LM1117S-ADJ

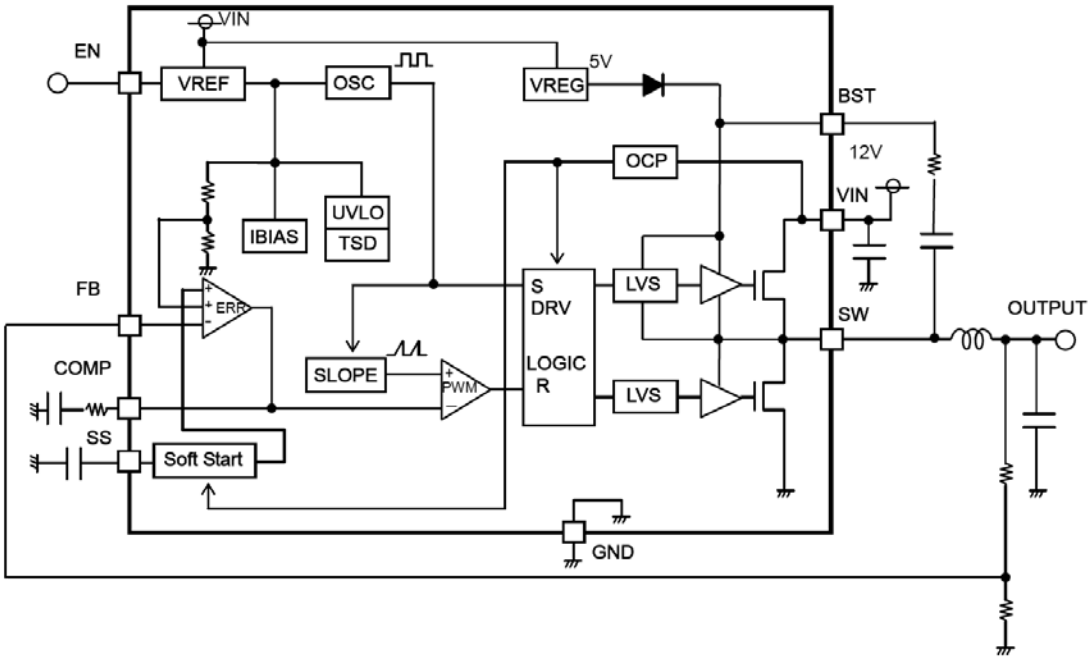


IC6560_C0JBAA000502_TC7SET08FU

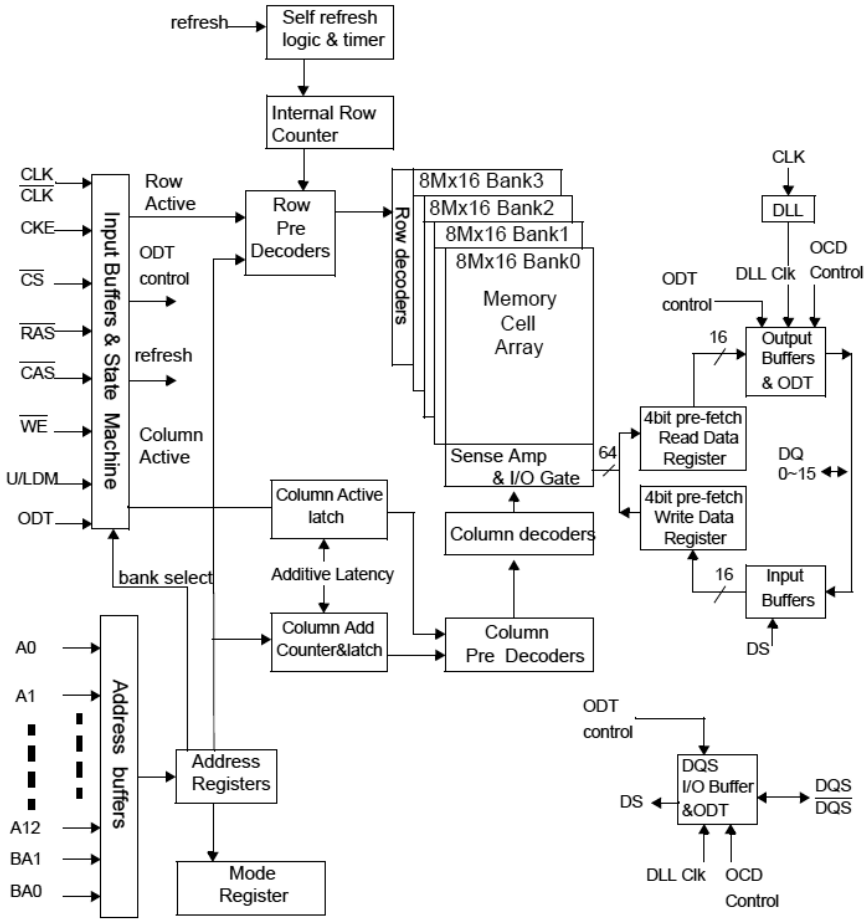
PIN ASSIGNMENT (TOP VIEW)



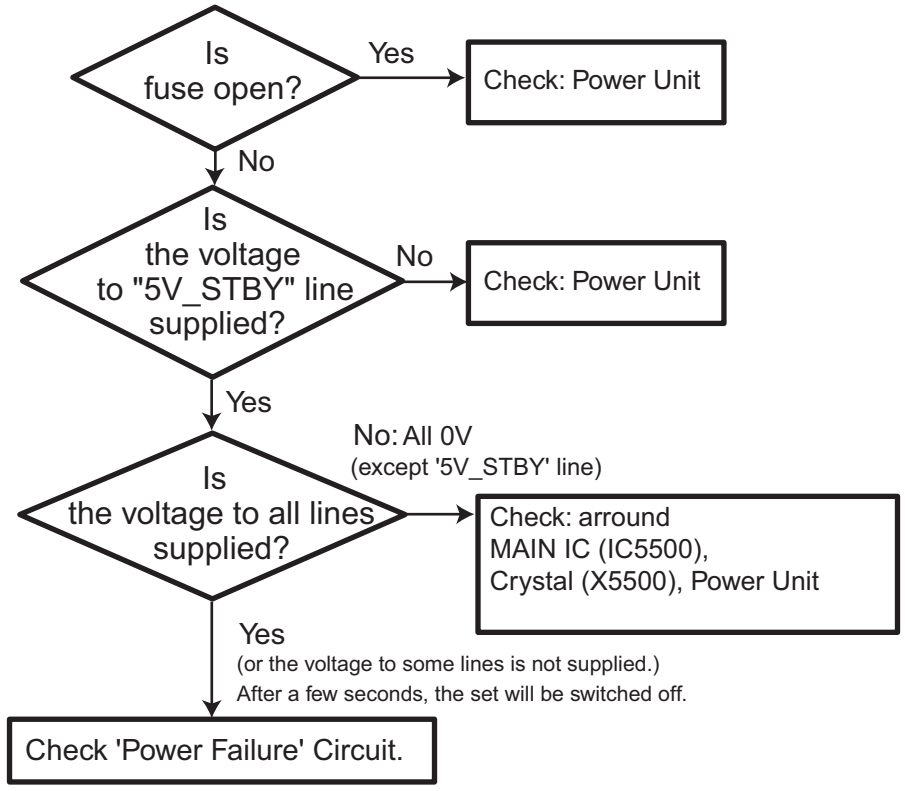
IC6720_C0DBAYY01122_BD9328EFJ-E2



IC5700_C3ABSY000102_IC H5PS5162GFR-S6C



NO POWER

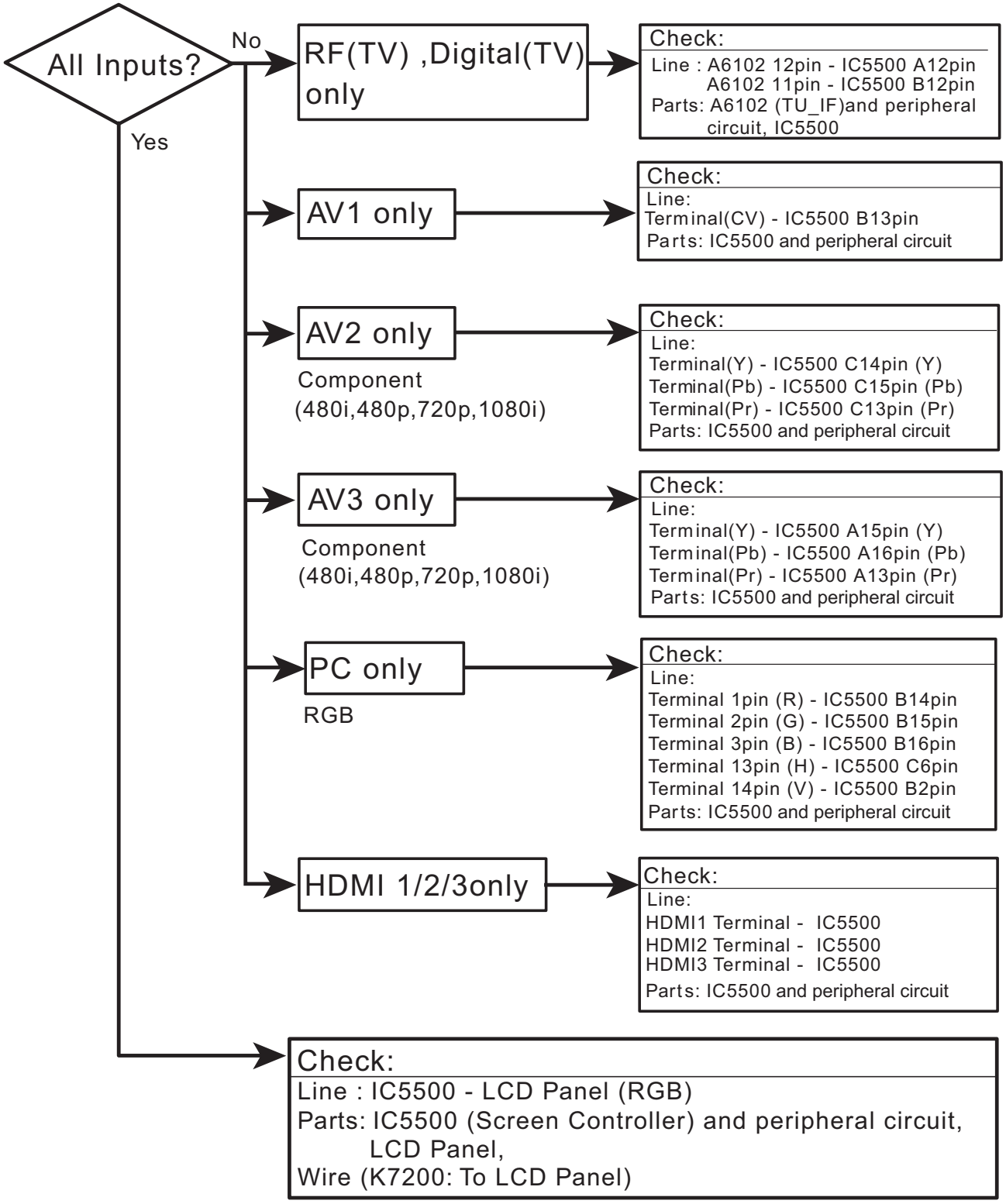


Power Failure Line

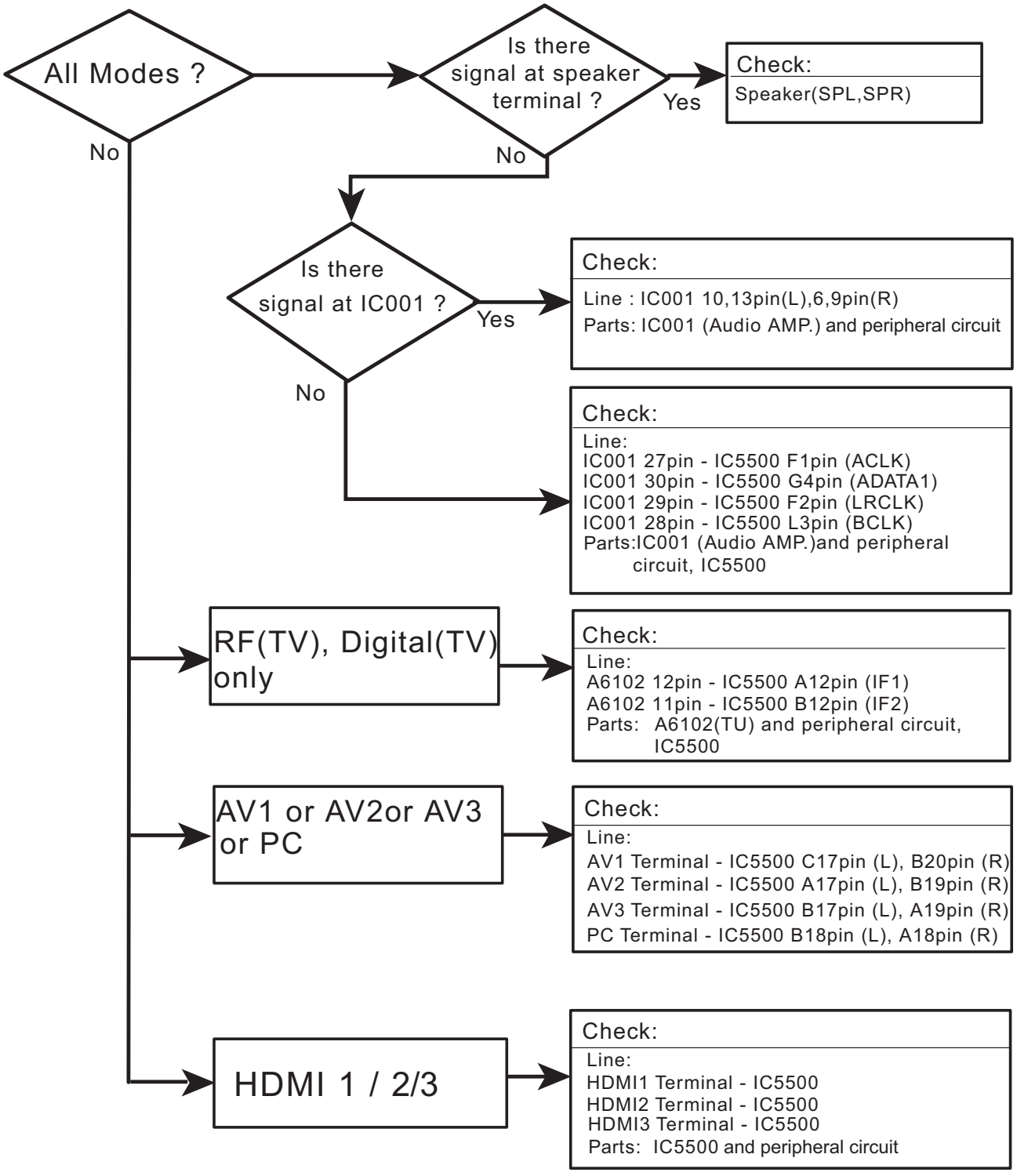
MAIN IC (IC5500) D9pin

Diod	Detected Voltage
D1613	5V
D1668	AUDIO_POW
D6700	5V

NO VIDEO


All Inputs?
No
Yes
RF(TV) ,Digital(TV) only
Check:
Line : A6102 12pin - IC5500 A12pin
A6102 11pin - IC5500 B12pin
Parts: A6102 (TU_IF)and peripheral circuit, IC5500
AV1 only
Check:
Line:
Terminal(CV) - IC5500 B13pin
Parts: IC5500 and peripheral circuit
AV2 only
Component
(480i,480p,720p,1080i)
Check:
Line:
Terminal(Y) - IC5500 C14pin (Y)
Terminal(Pb) - IC5500 C15pin (Pb)
Terminal(Pr) - IC5500 C13pin (Pr)
Parts: IC5500 and peripheral circuit
AV3 only
Component
(480i,480p,720p,1080i)
Check:
Line:
Terminal(Y) - IC5500 A15pin (Y)
Terminal(Pb) - IC5500 A16pin (Pb)
Terminal(Pr) - IC5500 A13pin (Pr)
Parts: IC5500 and peripheral circuit
PC only
RGB
Check:
Line:
Terminal 1pin (R) - IC5500 B14pin
Terminal 2pin (G) - IC5500 B15pin
Terminal 3pin (B) - IC5500 B16pin
Terminal 13pin (H) - IC5500 C6pin
Terminal 14pin (V) - IC5500 B2pin
Parts: IC5500 and peripheral circuit
HDMI 1/2/3only
Check:
Line:
HDMI1 Terminal - IC5500
HDMI2 Terminal - IC5500
HDMI3 Terminal - IC5500
Parts: IC5500 and peripheral circuit
Check:
Line : IC5500 - LCD Panel (RGB)
Parts: IC5500 (Screen Controller) and peripheral circuit,
LCD Panel,
Wire (K7200: To LCD Panel)

NO AUDIO


All Modes ?
No
Is there signal at speaker terminal ?
Yes
Check:
Speaker(SPL,SPR)
No
Is there signal at IC001 ?
Yes
Check:
Line : IC001 10,13pin(L),6,9pin(R)
Parts: IC001 (Audio AMP.) and peripheral circuit
No
Check:
Line:
IC001 27pin - IC5500 F1pin (ACLK)
IC001 30pin - IC5500 G4pin (ADATA1)
IC001 29pin - IC5500 F2pin (LRCLK)
IC001 28pin - IC5500 L3pin (BCLK)
Parts:IC001 (Audio AMP.)and peripheral circuit, IC5500
RF(TV), Digital(TV) only
Check:
Line:
A6102 12pin - IC5500 A12pin (IF1)
A6102 11pin - IC5500 B12pin (IF2)
Parts: A6102(TU) and peripheral circuit, IC5500
AV1 or AV2or AV3 or PC
Check:
Line:
AV1 Terminal - IC5500 C17pin (L), B20pin (R)
AV2 Terminal - IC5500 A17pin (L), B19pin (R)
AV3 Terminal - IC5500 B17pin (L), A19pin (R)
PC Terminal - IC5500 B18pin (L), A18pin (R)
HDMI 1 / 2/3
Check:
Line:
HDMI1 Terminal - IC5500
HDMI2 Terminal - IC5500
HDMI3 Terminal - IC5500
Parts: IC5500 and peripheral circuit

SCHEMATIC NOTES

NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerence and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in μF (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless oterhwise noted.
6. Unless otherwise noted on schematic, voltage reading taken with VOM from point indicated to chassis ground. Voltage reading taken using color-bar signal VHF channel 5, all controls at normal. Line voltage at 120 volts. Some voltages may vary with signal strength.
7. Waveforms were taken with color-bar signal and controls set for normal picture. Waveforms marked with an ✻ may vary with signal strength.
8. The Symbol indicates a fusible resistor, which protects the circuit from possible short circuits.
9. Parts enclosed with ▭ are related with X-radiation.
10. Isolation border line. Cold Side Hot Side
11. Schematic part location numbers may not always match the schematic symbols.
    The schematic symbols and part descriptions are correct and should be used.
    The part descriptions will be listed under the location number in the parts list.

ELECTROSTATICALLY SENSATIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

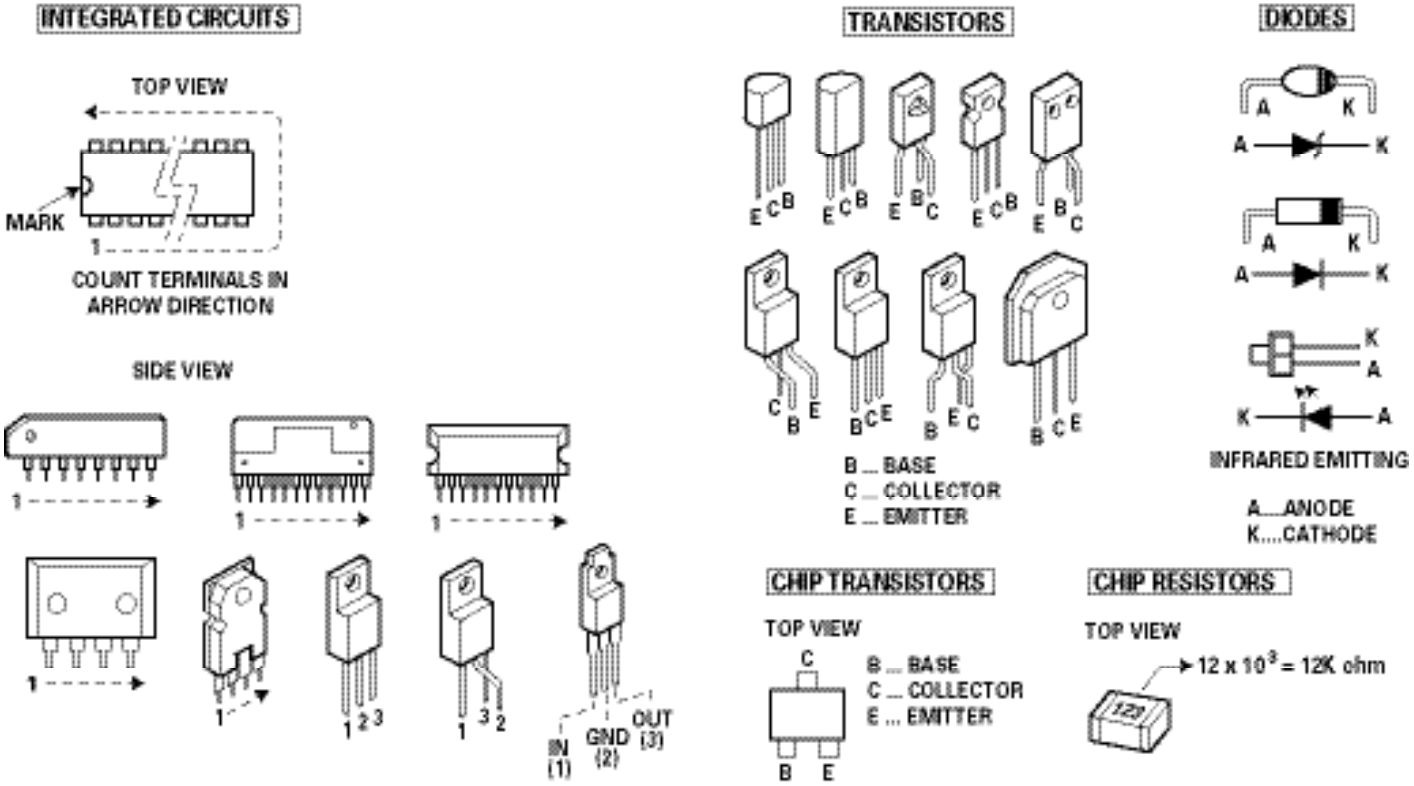
SERVICE NOTES:

1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

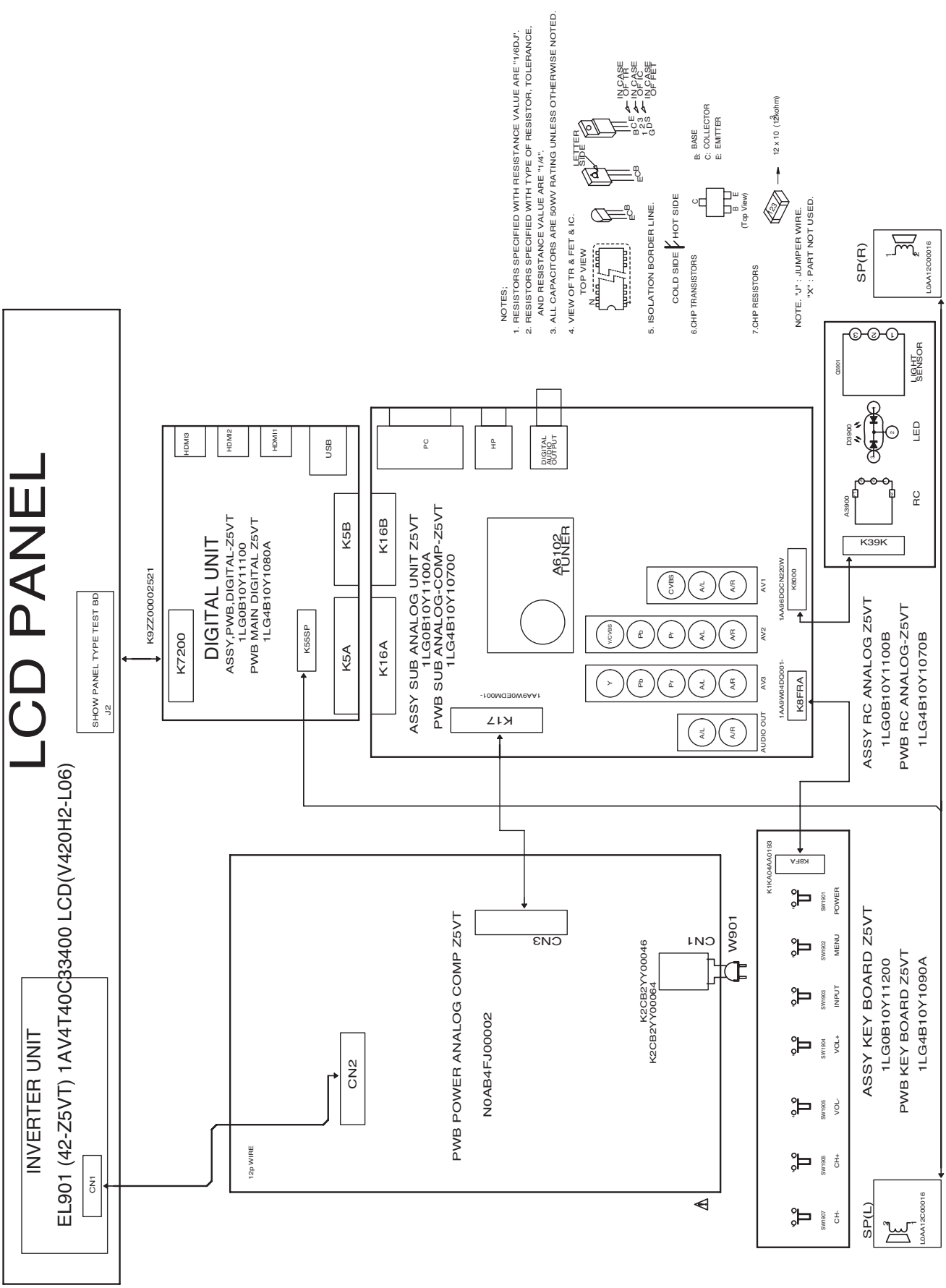
PRODUCT SAFETY NOTICE

THE COMPONENTS DESIGNATED BY A ⚠ ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A ⚠ NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

IC, DIODE, AND TRANSISTOR PIN LAYOUTS

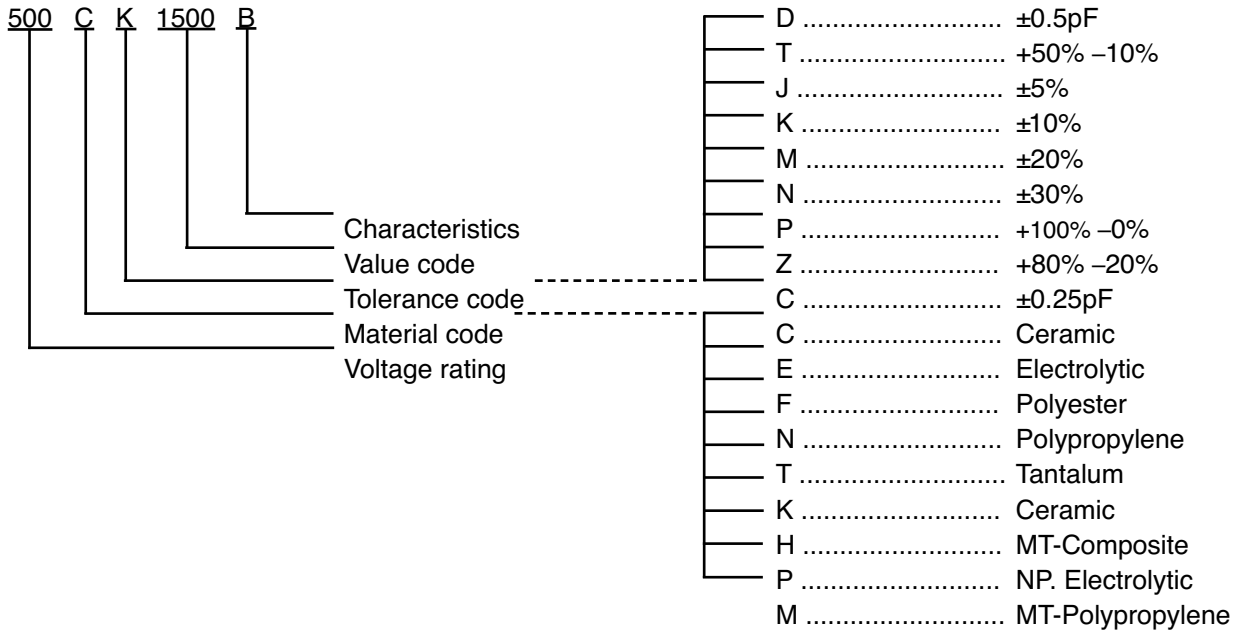


PC BOARD CONNECTIONS AND LOCATIONS

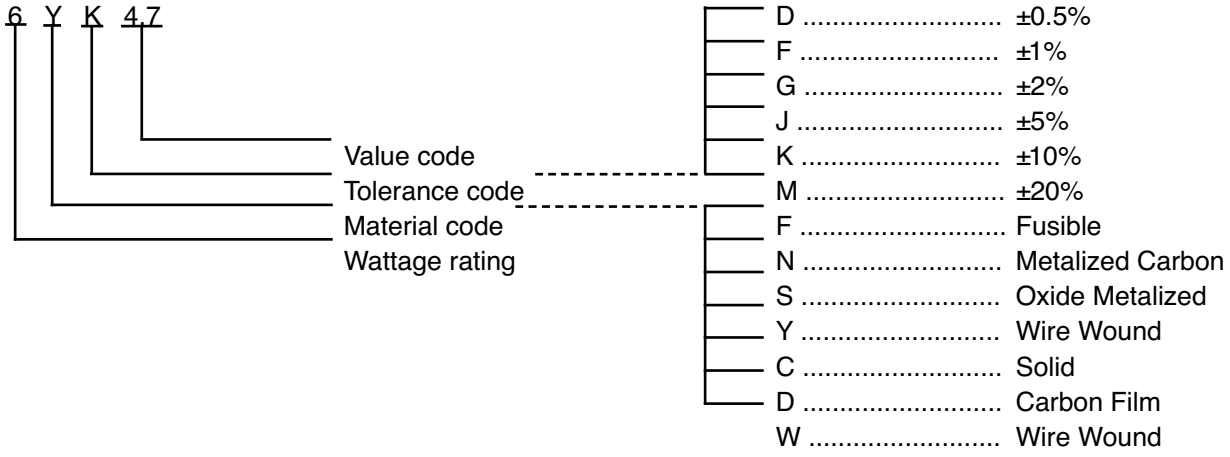


CAPACITOR AND RESISTOR CODE CHART

CAPACITOR (Example)



RESISTOR (Example)



For parts or service contact

Sanyo Manufacturing Corporation
P.O. Box 2000
3333 Sanyo Road
Forrest City, Arkansas 72335-2000

September 2012 SMC

Published in Mexico

MODEL DP42841 Chassis No. P42841-05 SCHEMATIC DIAGRAMS

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Pch-MOSFET

For Debug

2mm Pitch Housing

DEBUG ONLY

2mm Pitch PinHeader

<TOP_VIEW>

<NOR SERIAL FLASH>

HDMI3

HDMI2

HDMI1

UM6K1N

2.54mm Pitch PinHeader

2.54mm Pitch PinHeader

NOTE; "J" : JUMPER WIRE.
"X" : PART NOT USED.

42 Z5VT

1LG0B10Y11100
1LG4B10Y1080A

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【PC input signal】

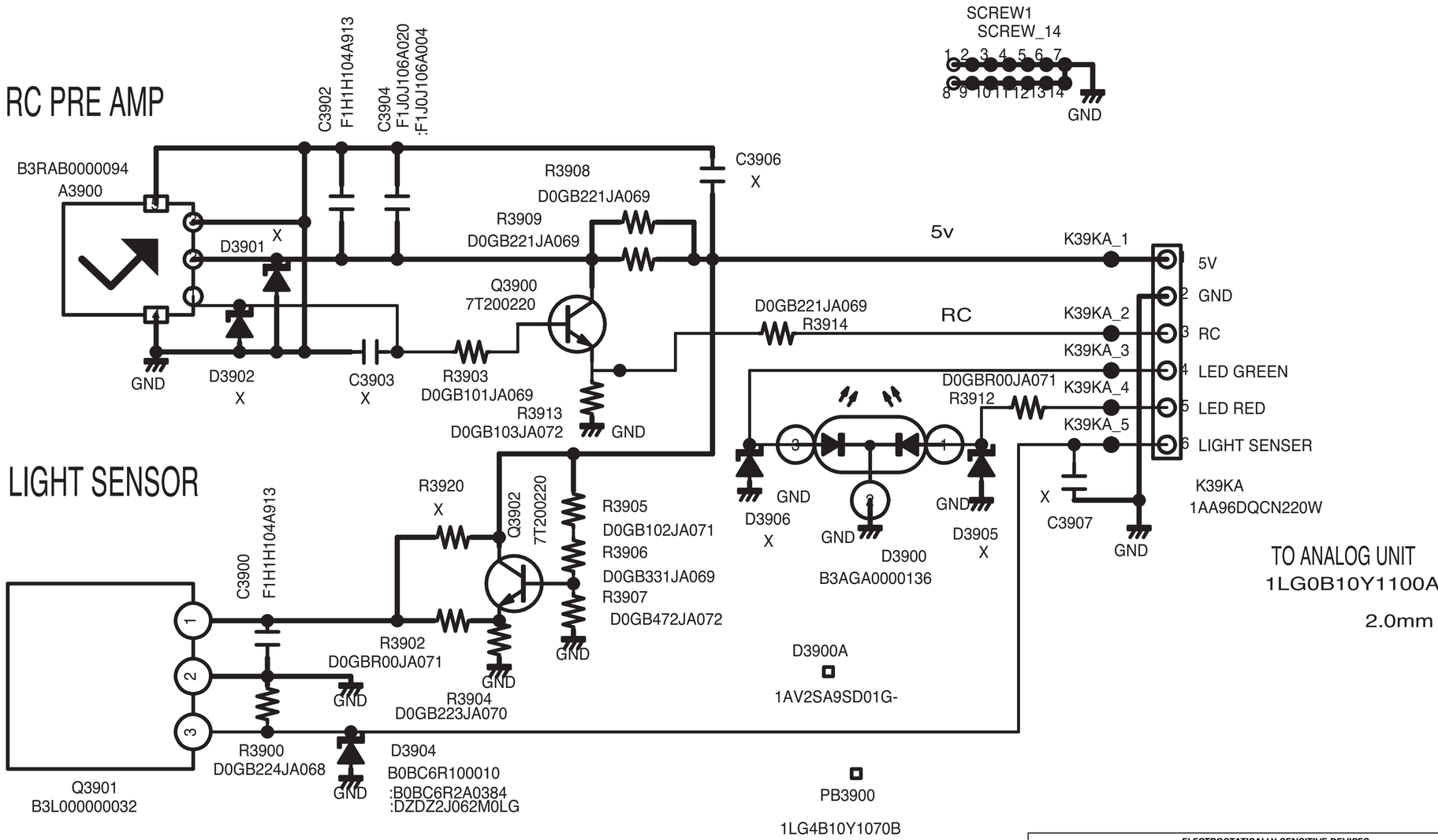
FOR DC ADJ and PWM ADJ

To cut irregular signal from SoC

M-OUT

42-Z5VT

1LG0B10Y1100A
1LG4B10Y1070A



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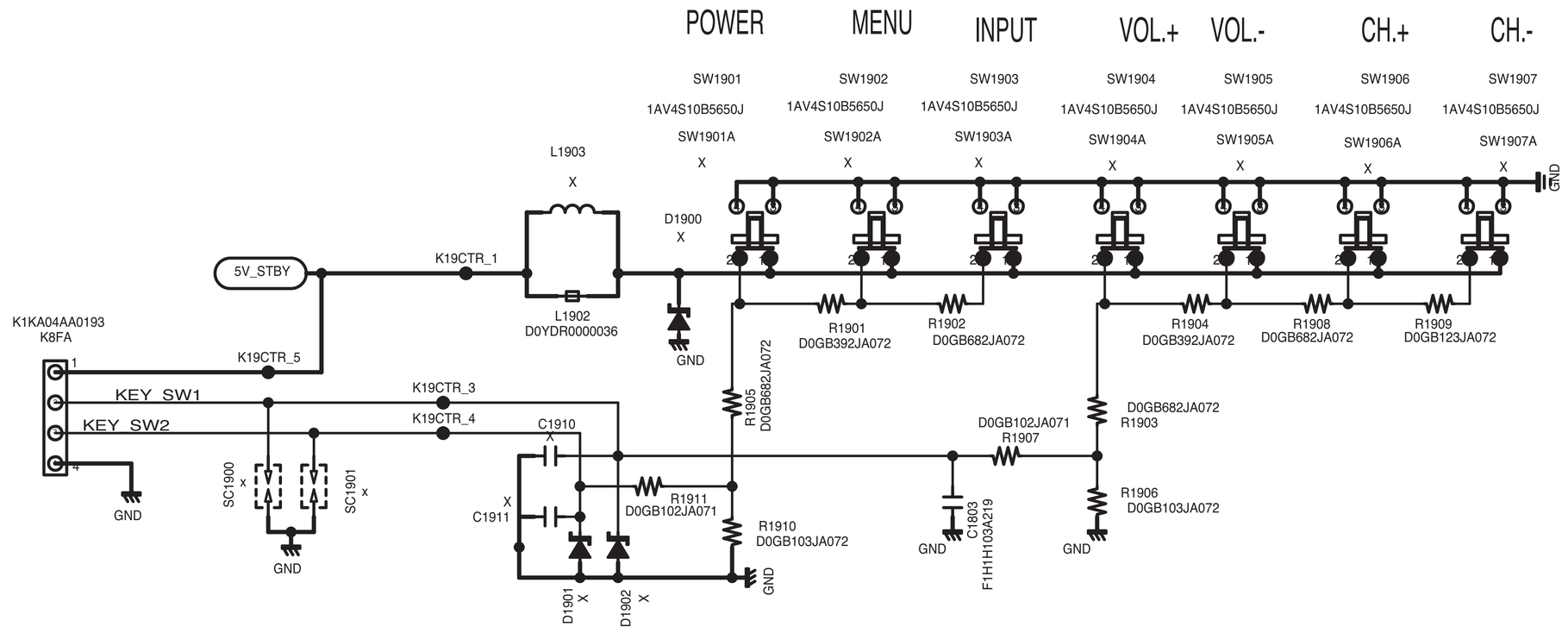

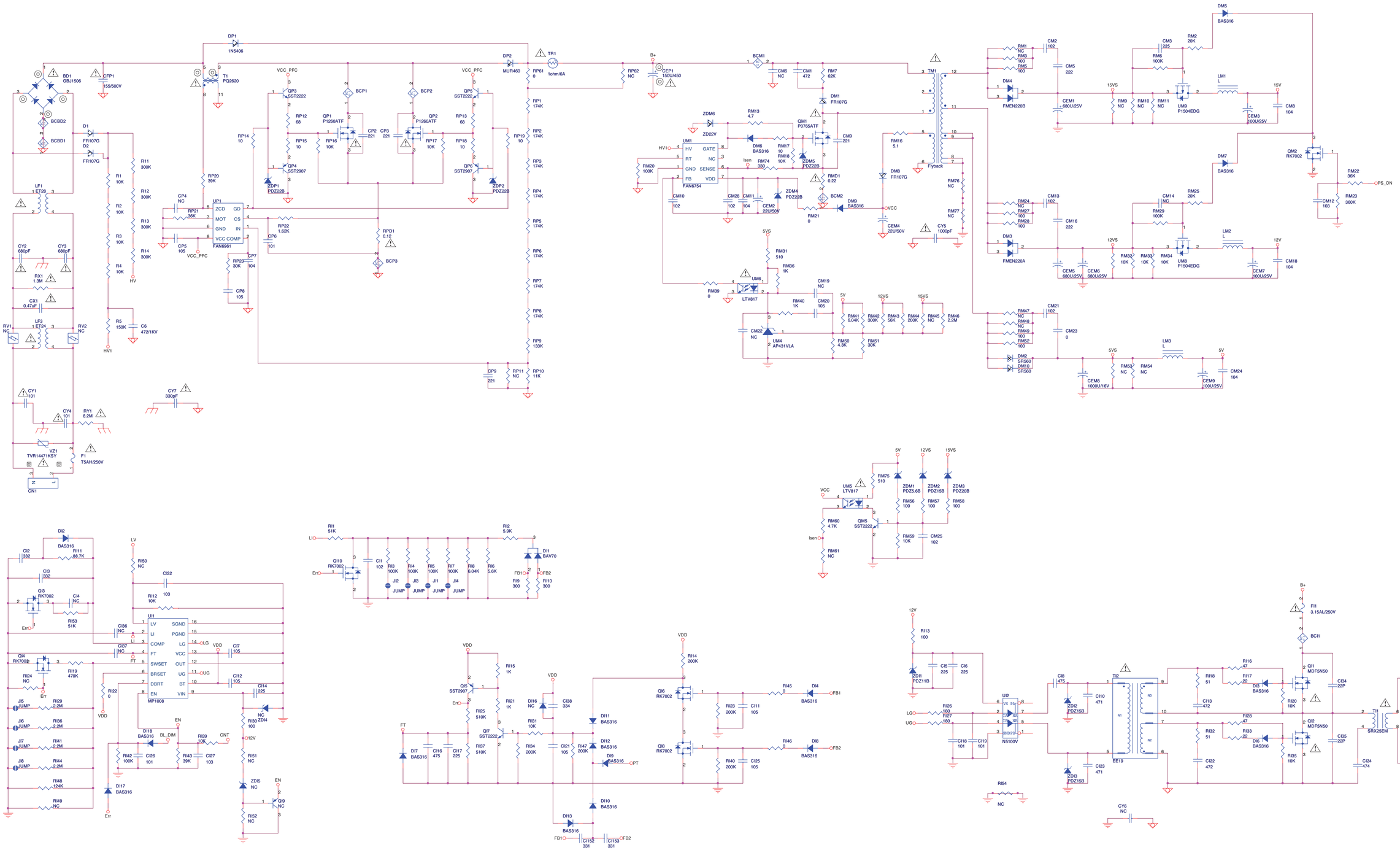

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